



# 2017 COBURN DEALER CATALOG

2016 was another exciting year for The Coburn Company! The highlight was in March, when we consolidated our entire company under one roof after several years with our office and warehouse in two separate locations. Moves like this are always a challenge, and although we experienced our share of hiccups, we hope it didn't cause any inconveniences for you, our customer. We appreciate your patience and continued business as we became acquainted with the new space and explore new ways to improve our customers' experience.

We believe having order entry, production, warehousing, shipping and technical support all under one roof enables us to provide a more seamless customer service experience. Because of that, our mission – *to provide value to our dairy equipment and agricultural supply customers while setting the standard for service and quality* – is stronger than ever as we move into our 92nd year as manufacturers and wholesale distributors of farm equipment and dairy supplies. Thank you for your continued business. We look forward to working with you in 2017, and for many more years to come!

## Stay in touch

We are proud to offer many resources for information and sales support:

- Access our entire catalog of items, parts lists and demonstration videos at [www.coburn.com](http://www.coburn.com), or place orders, track shipments, view pricing and more in our dealer-only section.
- Contact us to develop **promotional materials** like envelope stuffers, literature sheets, shelf talkers and custom imprinted products to support your sales efforts.
- Enjoy **personal contact** with our salespeople, whether at your business or at major trade shows, or with a member of our dedicated customer support staff – not a machine – when you call.
- Receive information about seasonal offers, special items and new product introductions in our monthly **email newsletter**.
- Get up-to-the-minute digital content – some of it serious, some just for fun – via our Facebook, Twitter and YouTube **social media** feeds.



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# MAGNAFLEX™ INFLATIONS

- gentle, even massage
- complete milkout



## DeLaval-style



**MAG101**  
Tri-Magna™ for  
DeLaval 06



**MAG102**  
Narrow-Bore Inflation  
for DeLaval 06



**MAG103**  
Medium-Bore  
for DeLaval 06



**MAG104**  
Narrow-Bore for  
DeLaval 06



**MAG105**  
Narrow-Bore for  
DeLaval 06 (Firm)

## Surge-style



**MAG201**  
Tri-Magna™  
for Surge Jet-Flo



**MAG202**  
Narrow-Bore for  
Surge Jet-Flo



**MAG203**  
Medium-Bore for  
Surge Continental



**MAG204**  
Narrow-Bore for  
Surge Vacuum Saver

## BouMatic-style



**MAG301**  
Tri-Magna™ for  
BouMatic Standard



**MAG302**  
Narrow-Bore  
BouMatic Standard

## Universal-style



**MAG401**  
Narrow-Bore for  
Universal Visible

## Milking Shells

TOP QUALITY STAINLESS STEEL



140107

140117

140108

140110

140111

4208043  
4208010

### DELAVAL-STYLE 06 AND 03 SHELLS

All stainless steel, beautifully satin-finished. 06 style shell features rolled edge for easier cleaning. Use Magnaflex Tri-Magna™ or other inflations for 06 shell or original Delaval 01. 03 style Shell accepts all 03-style liners. Ring is available separately.

**140107** D/L Style 06 Shell with rolled edge. Wt. 6.5 oz.

**140117** Economy D/L Style 06 Shell with rolled edge. Wt. 6 oz.

**140108** D/L Style 03 Shell. Wt. 8 oz. **140109** D/L Style 03 Ring.

### BOUMATIC-STYLE STANDARD SHELL

Ribbed rim stops inflations from twisting. High polish finish shell accepts F1, R1, P1 and FAS inflations and, when nipple is used, F2, R2, P2 and similar inflations.

**140110** Boumatic-style Shell. Wt. 7 oz.

### JET FLO-STYLE SHELL

Tapered like the original quality stainless steel, satin-finished shell features ribbed air nipple. Accepts a variety of Magnaflex inflations including new MAG201 Tri-Magna™ as well as all original Surge styles for Jet-Flo shell.

**140111** Jet-Flo-Style Shell. Wt. 8 oz.

### ALFA LAVAL-STYLE SHELLS

Export-style all stainless steel, satin-finished Alfa-Laval-style shells fit Alfa liner #960016-01 (MilkRite AL2U, Coburn 0/236) and Alfa liner #960018-0.

**4208010** Heavy weight Shell. Wt. 380 grams / .8 lb.

**4208043** Light weight Shell. Wt. 185 grams / .4 lb.

# Euro-Liners

- European formulation
- Improved for long life

Euro-Liners' rubber formulation lasts for 3000 milkings or 1000 hours. Please inquire about additional styles.



**0/108 Narrow Bore**  
Replaces 960000-01 & AL1U

**0/236 Narrow Bore**  
Replaces 960016-01 & AL2U

**0/599**  
Replaces 999007-03 for Harmony

**0/444 Narrow Bore**  
Replaces 990009-01 & AL9U for Harmony

Economically Priced

## Clear Transflow™ Air Tubes



**7VCL9.0** Clear Transflow™ Air Tubes, 9/32 I.D. x 9" for DeLaval. Packed 100 in a box.

**6VCL7.0** Clear Transflow Air Tubes, 1/4" I.D. x 7" for DeLaval. Packed 240 in a box.

## Colored Air Tubes



Colored Air Tubes are molded with extra-strength reinforcement at the ends.

**94D9.0M-06** Blue 9/32" ID x 9" for DeLaval.

**94D9.0M-01** Orange 9/32" ID x 9" for DeLaval.

**94D9.0M-07** Green 9/32" ID x 9" for DeLaval.

## Coburn® Molded Air Tubes



Black Rubber Air Tubes are molded with extra-strength reinforcement at the ends.

**74SU8.0M** 3/16" ID x 8" for Surge.

**84D6.5M** 1/4" ID x 6-1/2" for Universal & Choreboy.

**84P7.5M** 1/4" ID x 7-1/2" for Bou-matic, Westfalia, and Perfection.

**84D9.0M** 1/4" ID x 9" for Bou-matic & DeLaval.

**94D7.5M** 9/32" ID x 7-1/2" for DeLaval & Nupulse.

**94D9.0M** 9/32" ID x 9" for DeLaval.

## Blue Air Tube



Blue Air Tube has reinforced spiral threads at both ends for flexibility and strength.

**1900003** Blue Air Tube, ea. 5/16" (8mm) ID x 9"

**1900054** Blue Air Tube, ea. 5/16" (8mm) ID x 8"

## Hose Clips & Rings



**3541005**

**1900084**  
**1900049**

**0/453**

**0/453-07**

**0/453-06**

**1900012**

**1900019**



**399546**

Hose Clips hold 1/4" or 9/32" twin vacuum hose neatly together with the milk hose. )

**3541005** Hose Clip for 5/8 Milk Hose (blue).

Rings holds vacuum and milker hose together.

**0/453** Black Rubber Hose Ring, 1-3/8" ID.

**0/453-06** Blue Silicone Hose Ring 1-3/8" ID.

**0/453-07** Green Silicone Hose Ring 1-3/8" ID.

**1900012** Blue Rubber Hose Ring 1-3/8" ID.

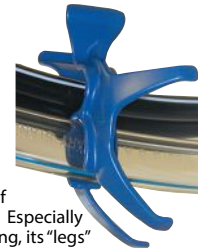
**1900019** Small Blue Rubber Hose Ring 1-1/4" ID.

**1900084** Black Tube-style Hose Retainer 1-1/4" ID.

**1900049** Same as above for 1-3/8" ID.

**399546** Hose Clip for 5/8" Milk Hose & Twin Vacuum Tubing

## The Starfish



Claw Tensioner is made of a strong lightweight polymer. Especially handy for parallel parlor milking, its "legs" catch on the rail to hold the tensioner and hoses in the proper position. Adjust the Starfish with a slight squeeze of the air hose guides. Will not interfere with detacher function. For 5/8" and 3/4" milk hose.

**1900001** "Starfish" Claw Tensioner.



**ME200**

**ME100**

The Milk-Easy Adapter goes on the top of the inflation to improve milkout of slow quarters and help reduce teat end damage. Made of FDA-approved semi-flexible rubber, Milk-Easy prevents the inflation from moving up on an infected or injured teat and pinching off the milk canal.

**ME200** Milk-Easy for heads over 2". Fits most Surge, Boumatic, Universal, Conde, Choreboy, & European AlfaLaval liners.

**ME100** Milk-Easy for heads 2" or less. Fits most DeLaval, Westfalia, & IBA silicone.

## Inflation Plugs



**ATP001**

**1900002**

**399944**

**7800**

**ATP001** Large Blue Plastic Inflation Shut-off Plug.

**1900002** Blue Plastic Inflation Shut-off Plug.

**7800** Coburn Black Rubber Inflation Shut-off Plug with chain & label.

**399944** Orange Plastic Inflation Plug.

## Air Vent



**4010001** Inflation Air Vent. May be used with most Inflation.

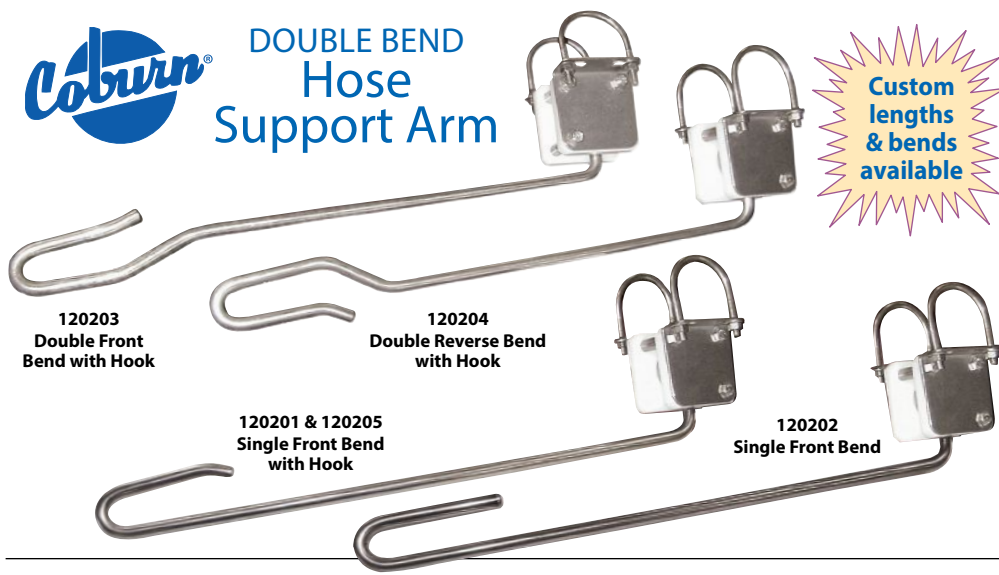
## BOUMATIC STYLE Inflation Plug

**112-66** B/M style Inflation Plug. Ring fits over the shell so plug is always at hand.



# Coburn® DOUBLE BEND Hose Support Arm

Custom lengths & bends available



Adjustable Heavy Duty Hose Support Arms support the hose for proper tension and maximum milking efficiency. Reverse bend keeps the cow from catching on it when entering/exiting the parlor. Support Arms are 22" and 24" lengths to fit 1.5"-2" pipe. Type 304 machined stainless steel ball and arm assembly and side plates. Full 1/2" thick nylon wear pad. Support Arms weight 4.5 lbs. each. Custom lengths and bends available.

- 120201** 24" Single Front Bend with Hook Hose Support Arm with U-bolts for 2" tubing.
- 120202** 24" Single Front Bend Hose Support Arm with U-bolts for 1.5"- 2" tubing.
- 120203** 22" Double Front Bend with Hook Hose Support Arm with U-bolts for 1.5"- 2" tubing.
- 120204** 22" Double Reverse Bend with Hook Hose Support Arm with U-bolts for 1.5"- 2" tubing.
- 120205** 22" Single Front Bend with Hook Hose Support Arm with U-bolts for 1.5"- 2" tubing.
- 120211** 28" Single Reverse Bend Hose Support Arm with U-bolts for 1.5"- 2" tubing.
- 120212** 28" Single Reverse Bend with Hook Hose Support Arm with U-bolts for 1.5"- 2" tubing.
- 200030** Replacement Nylon Wear Pad sold each.

# Coburn® Air-Operated Pinch Valves



Pinch Valves are air-operated shut-offs that work by pinching the tubing. The Boot Cover, Valve Strap and Mounting Bracket may be used with either Pinch Valve.

- 8532** Pinch Valve with 5/32" push fitting for up to 7/8" ID, including Boot Cover and Mounting Bracket.
- 47003** Pinch Valve with 3/16" barbed fitting for up to 5/8" ID, including Valve Strap.



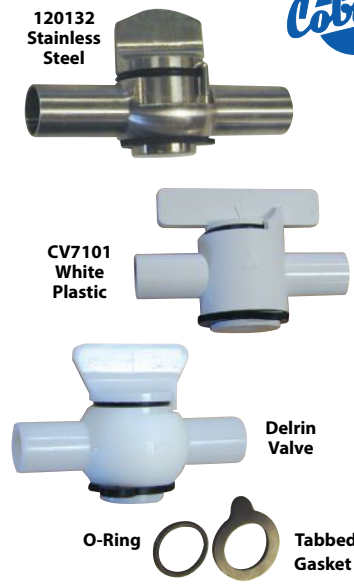
- REPAIR PARTS**
- 32113** Replacement Valve Strap
  - 32114** Replacement Boot Cover
  - 3558471** Replacement Mounting Bracket
  - 30731X** Replacement U-Cup Gasket
  - 34377** Replacement Spring (two required)
  - 179-0845** Repair Kit for Pinch Valve, includes 2 Springs and 1 U-Cup Gasket.



- Choose Stainless Steel or Plastic Snap Clamps for tubing shut-off.
- 140105** S.S. Snap Clamp for up to 1" OD. 4 oz.
  - 140113** S.S. Snap Clamp for up to 1-3/16" OD. 4 oz.
  - 171060** Plastic Snap Clamp for up to 1-3/8" OD.

# Coburn® Shut-Off Valves

• Positive On-Off Stop • Handy Tabbed Gaskets



Stainless steel shut-off valve with full 5/8" opening. Beautifully machined with mirror-smooth finish. For 9/16" and 5/8" tubing.

- 120132** S.S. Shut-Off Valve. Wt. 9 oz.
- 120137** Replacement Gasket.
- 120138** Replacement Tabbed Gasket.

Smooth white plastic shut-off valve twists cleanly to a positive stop. Facilitates shut-off of vacuum or milk flow with Transflow or rubber tubing.

- CV7101** White Plastic Shut-Off Valve for 5/8", non-vented.
- CV7102** White Plastic Shut-Off Valve for 5/8", vented.
- CV7101R** O-ring for above Valves.
- CV7101T** Tabbed Gasket.

Delrin Shut-off valves feature positive on-off and are made of popular smooth approved Delrin material. Wt. 3 oz.

- 100-0033** Valve for 5/8", vented.
- 100-0034** Valve for 5/8", non-vented.
- 100-0035** Valve for 3/4", vented.
- 100-0036** Valve for 3/4", non-vented.
- 100-0037** Repl. Tab Retainer for 5/8" valve (fits Surge valve.)
- 100-0038** Repl. External O-Ring for 5/8" valve.
- 100-0039** Repl. Bottom O-Ring for 3/4" valve.
- 100-0040** Repl. External O-Ring for 3/4" valve.

# Vacuum Operated Shut-Off Valves

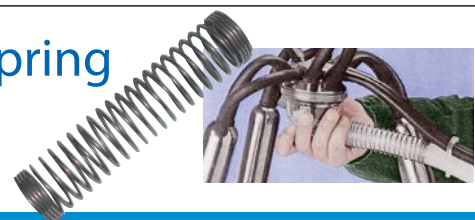


- 48000** Vacuum-Operated Plastic Valve for 5/8" ID, always open when under vacuum
- 5529007** Vacuum-Operated Plastic Shut-off for 5/8" ID
- 47004** Vacuum-Operated Shut-off Valve, Stainless Steel, for 5/8" hose
- 179-4393** Vacuum-Operated Shut-off Valve, 5/8" - 3/4". 1 lb.

- REPLACEMENT PARTS**
- 0/512** Repl. Silicone Diaphragm for 48000, also for Westfalia Metatron
  - 1307395** Rep. diaphragm for 47004
  - 179-4394** Repl. Hose alignment strap for 179-4393
  - 179-4395** Repl. U-cup seal for 179-4393



# Support Spring for Silicone Tubing



Stainless Steel Support Spring is used to reinforce silicone tubing at the connections to prevent cracking. Fits 5/8" ID Tubing.

- 1572083** Support Spring, 5.5" long, 11/4" OD.



## Transflow M34R® Flexible Milk Tubing



Strength, durability, flexibility and purity are the standards for Transflow® M34R Dairy Tubing for milking machines, portable transfer systems and tank trucks. Smooth non-porous bore prevents build-up of butterfat or milksoil and is unaffected by strong cleaners and sanitizers. Phthalate free. Order full carton for best discounts. Special lengths are cut to size and priced per foot.

No.	I.D.	O.D.	Wt. /100 ft.	Carton Lengths
<b>14M</b>	7/16"	3/4"	18 lbs.	100'
<b>16M</b>	1/2"	13/16"	20 lbs.	100'
<b>18M</b>	9/16"	15/16"	28 lbs.	50', 100', 500'
<b>20M</b>	5/8"	1"	29 lbs.	50', 100', 500'
<b>24M*</b>	3/4"	1-5/32"	41 lbs.	100', 400'
<b>28M</b>	7/8"	1-3/8"	54 lbs.	50', 100'
<b>32M</b>	1"	1-1/2"	61 lbs.	50', 100'
<b>48M</b>	1-1/2"	2-1/4"	130 lbs.	60', 100'
<b>60M</b>	2"	2-3/4"	180 lbs.	60'
<b>74M</b>	3"	4"	450 lbs.	20'

\*Not for use above 13hg (mercury) vacuum at 100° F.

## Transflow® Vacuum Tubing



Transflow® Vacuum Tubing in clear or black, single or twin configurations, is lightweight, resistant to flaking, cracking and aging from oxidation and stays flexible over time and in all climate conditions. Vacuum Tubing has a smooth, non-porous inner wall for dependable air flow. We ship clear unless black is specified. Phthalate free. Cut to order or full cartons of 100 ft. 86TVCL & 87TVCL available in 500 ft. cartons.

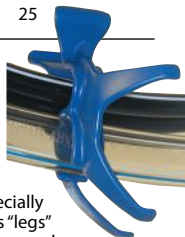
### VACUUM TUBING Black or Clear

No.	I.D.	O.D.	Wt. /100 ft.
<b>6V</b>	1/4"	1/2"	9
<b>7V</b>	9/32"	17/32"	10
<b>8V</b>	3/8"	5/8"	13
<b>9V</b>	7/16"	11/16"	14
<b>11V</b>	1/2"	3/4"	15

### TWIN VACUUM TUBING Black or Clear

No.	I.D.	O.D.	Wt. /100 ft.
<b>86TV</b>	1/4"	1/2"	18
<b>87TV</b>	9/32"	17/32"	18
<b>88TV</b>	3/8"	5/8"	25

## The Starfish



Claw Tensioner is made of a strong lightweight polymer. Especially handy for parallel parlor milking, its "legs" catch on the rail to hold the tensioner and hoses in the proper position. Adjust the Starfish with a slight squeeze of the air hose guides. Will not interfere with detacher function. For 5/8" and 3/4" milk hose. **1900001** "Starfish" Claw Tensioner.

## Tigerflex® Milk Tubing



Tigerflex Milk Tubing is a clear, smooth-bore PVC hose with a white helix reinforcement and has an operating temperature range of -4°F to 150°F. Clear hose allows visual confirmation of milk flow. Tigerflex complies with all applicable FDA and 3-A sanitary standards for transfer of liquid dairy and food products. Order cut piece per foot or full cartons of 100 ft.

No.	I.D.	O.D.	Wt. /100 ft.
<b>TF150</b>	1-1/2"	2"	45 lbs.
<b>TF200</b>	2"	2-1/2"	63 lbs.
<b>TF250</b>	2-1/2"	3"	81 lbs.

## Premium Rubber Milk Hose



This premium Rubber Milk Hose is thick-walled and specially formulated for durability.

**208R** 5/8" ID hose by 11/32" OD Premium Rubber Milk Hose, 50 ft. roll or custom-cut. 50 ft. weighs 17 lbs.

**248R** 3/4" ID hose by 13/16" OD Premium Rubber Milk Hose, 50 ft. roll or custom-cut. 50 ft. weighs 19.5 lbs.

## Black Rubber Vacuum & Milk Tubing



Improved black milking machine tubing has greater flexibility and increased resistance to kinking, tears and splits. Sold in 50-foot cartons or per foot cut to order.

### VACUUM TUBING

No.	I.D.	Wall	Wt. /50 ft.
<b>94R</b>	9/32"	1/8"	7 lbs.
<b>126R</b>	3/8"	3/16"	11 lbs.
<b>146R</b>	7/16"	3/16"	14 lbs.
<b>166R</b>	1/2"	3/16"	15 lbs.
<b>187R</b>	9/16"	7/32"	19 lbs.
<b>197R</b>	5/8"	13/64"	22 lbs.

### TWIN TUBING

No.	I.D.	Wall	Wt. /50 ft.
<b>88TR</b>	1/4"	1/8"	12 lbs.
<b>99TR</b>	9/32"	1/8"	12 lbs.
<b>1212TR</b>	3/8"	1/8"	14 lbs.

### SIAMESE TUBING

No.	I.D.	Wall	Wt. /50 ft.
<b>8418R</b> {	1/4"	1/8"	20 lbs.
	9/16"	1/4"	

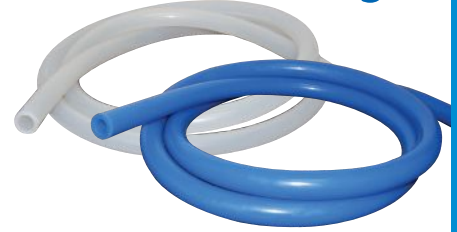
## Vacuum Repair Splice



Vacuum Line Connectors are for quick in-line repair of 3/8" ID Vacuum Hose.

**1900050** Vacuum Line Connectors, sold each.

## Coburn® Silicone Milk Tubing



### STRONG, FLEXIBLE, SANITARY

Silicone Milk Tubing is absolutely sanitary and, due to tightly bonded non-reactive pure resins, unaffected by milk fat or bacteria. Silicone is perfectly hygienic and has a longer life span than other types of milk tubing when used properly.

Silicone tubing is as strong as plastic and more flexible than rubber even at -20° and yet will withstand boiling wash water. Stays transparent and resilient longer than plastic tubing. Not recommended for use with automated pinch valves. Order cut piece per foot or full cartons of 100 ft.

### VACUUM TUBING Clear or Blue

No.	I.D.	O.D.	Wt./100 ft.	Color
<b>ST1632</b>	1/2"	3/4"	18 lbs.	Clear
<b>ST1832</b>	9/16"	15/16"	30 lbs.	Clear
<b>ST2032</b>	5/8"	1"	32 lbs.	Clear
<b>STB2032</b>	5/8"	1"	32 lbs.	Blue
<b>ST2432</b>	3/4"	1-3/16"	40 lbs.	Clear
<b>STB2432</b>	3/4"	1-3/16"	40 lbs.	Blue
<b>ST2832</b>	7/8"	1-3/8"	51 lbs.	Clear
<b>STB2832</b>	7/8"	1-3/8"	51 lbs.	Blue

## Coburn® Silicone Twin Vacuum Tubing

Silicone Tubing is as strong as plastic and more flexible than rubber even at -20°. Stays transparent and resilient longer than plastic tubing. Order cut piece per foot or full cartons of 100 ft.

### TWIN VACUUM TUBING Clear or Blue

No.	I.D.	O.D.	Wt./100 ft.	Color
<b>ST0832</b>	1/4"	1/8"	19 lbs.	Clear
<b>ST0932</b>	9/32"	1/8"	21 lbs.	Clear
<b>STB0932</b>	9/32"	1/8"	21 lbs.	Blue



## Tubing Cutters

Kwikcut Hand Tubing Cutters are well-designed for ease of use and safety. Made of tough nylon with sharp steel replaceable blade, Kwikcut, works well on rubber and plastic tubing, thin wall PVC pipe and schedule 40 PVC pipe, making a clean cut with no burrs or sawdust. Blade rests in closed jaws for safety. Individually carded with instructions.

**T100** Kwikcut Cutter for tubing or PVC up to 11/4" OD. Teflon-coated steel blade.

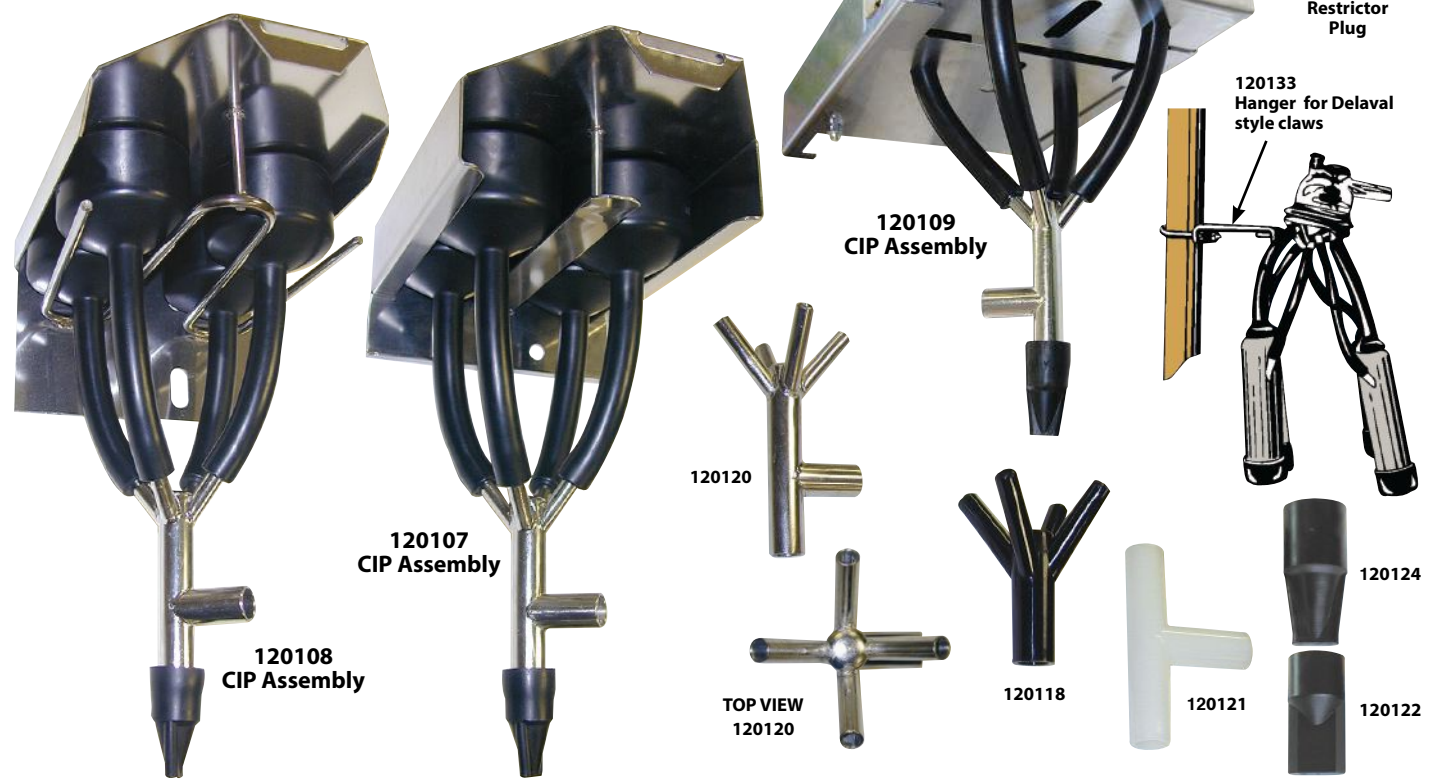
**BT100** Replacement Blade for T100.

**S200** Kwikcut Cutter for tubing and PVC pipe up to 17/8" OD. Stainless steel blade.

**BS200** Replacement blade for S200.



# Clean-In-Place Equipment



Complete CIP Assemblies include Jetter Rack, Jetter Cups, S. S. Distributor Tee, Duckbill Drain, U-Bolts and nuts. S.S. Tee is smooth and polished throughout for efficient water flow. Tubes are aligned for ease and convenience of hose handling.

Stainless Steel Fit 'em All Jetter Racks will hold virtually any milking claw including Delaval. Choose the Heavy Duty 120125 or the 120112 which has rounded inserts for holding the jetter cups. Or choose new Drawer-Style Jetter Rack. Nuts and bolts for mounting are included.

### COMPLETE CIP ASSEMBLIES including Rack, Cups, Distributor Tee & Duckbill Drain

- 120108** CIP Assembly with Fit 'em All Rack (120112) and 120115 Jetter Cups for Delaval, IBA.
- 120108S** CIP Assembly with Fit 'em All Rack (120112) and 120116 Jetter Cups for Surge.
- 120108B** CIP Assembly. with Fit 'em All Rack (120112) and 120117 Jetter Cups for Bou-Matic.
- 120107** CIP Assembly. with Heavy Duty Fit 'em All Rack (120125) and 120115 Jetter Cups for Delaval, IBA.
- 120107S** CIP Assembly. with Heavy Duty Fit 'em All Rack (120125) and 120116 Jetter Cups for Surge.
- 120107B** CIP Assembly. with Heavy Duty Fit 'em All Rack (120125) and 120117 Jetter Cups for Bou-Matic.
- 120109** CIP Assembly with Drawer-Style Jetter Rack (120109-1) and 120115 Jetter Cups for Delaval, IBA.

### CIP COMPONENTS:

- 120125** Heavy Duty Stainless Steel Fit 'em All CIP Holder with U-bolt and nuts for all claws including D/L. Wt. 2.6 lbs.
- 120112** Stainless Steel Fit 'em All CIP Holder including U-bolt and nuts for all claws including D/L. Wt. 2.4 lbs.
- 120109-1** Stainless Steel Drawer-Style CIP Holder including U-bolt and nuts for all claws including D/L. Wt. 5.7 lbs.
- 120118** Black Plastic Distributor.
- 120120** S.S. Distributor Tee, 5/8"
- 120120V** S.S. Distrib. Tee with vent hole 5/8"
- 120121** Smooth Approved Barbless Tee, 5/8"
- 120122** Duckbill Drain Valve 5/8"
- 120124** Heavy-Duty Duckbill Drain Valve 5/8"
- 120133** S.S. Claw Hanger for D/L Claw.
- 175-0019** Wash Restrictor Plug with pilot hole, plastic, 5/8" O.D. (Requires modification in the field to fit Coburn 120120 Tee.)

## Jetter Cups



- Smooth, sanitary, rubber Jetter Cups are tapered for better cleaning of the inflation head.
- 120114** Jetter Cup for Delaval, 1-1/2" opening, replaces Milk-Rite 7103 / 7360. Wt. 25 lbs. case of 100.
  - 120115** Jetter Cup for Delaval or IBA, 1-3/8" opening, replaces Milk-Rite 7102 / 7350.
  - 120116** Jetter Cup for Surge, 2-1/16" opening, replaces Milk-Rite 7100 / 7330.
  - 120117** Jetter Cup for B-M, 1-9/16" opening, replaces MilkRite 7101 / 7340.
- See pages 40-41 for Goat & Sheep Inflations and Jettors.

## CIP Thermometer



**120129** CIP Thermometer. Registers to 220F, 1" diameter face, 5" S.S. stem, recalibration feature and plastic carrying case.

## MOLDED RUBBER Manifold Cup

**9001** Manifold Cup for DeLaval Washer (Avon 7310).



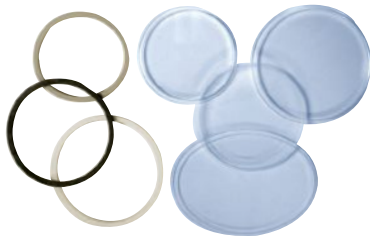


## Air Forks



- 140104** Single S.S. Air Fork, 1/4" ID.
- 140102** Twin S.S. Air Fork, front to rear, 9/32" ID.
- 140103** Twin S.S. Air Fork, front to rear, 1/4" ID.
- 140112** Twin S.S. Air Fork, side to side, 1/4" ID.
- 140114** Twin S.S. Air Fork, front to rear, 9/32" ID. For #183605 Top Unloading Claw.
- 140115** Twin S.S. Air Fork, side to side, 9/32" ID. For #183605 Top Unloading Claw.
- 140106** Plastic Twin Air Fork, front to rear, 1/4" ID.
- 140116** Twin S.S. Air Fork, front to rear for Surge claws, 9/32" ID.

## REPLACEMENT Molded Claw Windows & Gaskets



- 140201** Window for B/M-style Claw
- 140202** Gasket for B/M-style Claw.
- 142101** Window for Beco-style Claw.
- 142102** Gasket for Beco-style Claw.
- 144115** Gasket for Full View or Tidal Flow Claws.
- 144119** Gasket for B/M-style Flo Star.
- 147101** Window for Westfalia Claw.
- 147102** Gasket for Westfalia Claw.
- 148101** Window for Surge Eclipse® Claw.
- 148102** Gasket for Surge Eclipse® Claw.
- 144118** Gasket for Surge Orbiter Claw.
- 144101** Window for Coburn & Germania Top Unloading and California Claws.
- 144102** Gasket for Coburn & Germania Top Unloading and California Claws.
- 144103** Backflush Clip. Fits Eclipse® Claw, Coburn Top Unloading and California Claws and Germania.

## Removal Tool



**4600248** Tool for removing inflations from claw nipples. Also removes air tubes from forks.

## Detacher Hook



**5200075** Black Polymer Clip-Hook is used with string catcher-type detachers.

## STAINLESS STEEL Detacher Chain



**3611520** Welded Stainless Steel Chain. Used for various models of detachers. Sold per foot.

## STAINLESS STEEL Claw Tube Extender



**1680** Claw Extender Tube. Stainless steel with smooth satin finish. Used with any claw when milking widely uddered cows. Attach one Tube to each claw nipple with small piece of Transflow tubing.

## REPLACEMENT Claw Tops



**144113**

**144116**  
Spacer

**144114**

**144111**  
**144112**

**144117**

Clear Plastic replacement parts are made of polysulfone.

- 144113** Repl. Claw Top for Universal standard Full View.
- 144114** Repl. Claw Top for Universal Tidal Flow Claw.
- 144115** Rubber Gasket for Full View or Tidal Flow Claws.
- 144116** Spacer for Universal Tidal-Flow Claw.
- 144111** Repl. Claw Top for BouMatic Flo Star, vented.
- 144112** Repl. Claw Top for BouMatic Flo Star, non-vented.
- 144117** Repl. Top for Surge Orbiter Claw including integral hex nuts.

## Claw Window Removal Tool



To use, remove claw clips, insert tool into a nipple, guide to the window, then turn.

**100-0001** Claw Window Tool for top- and bottom-unloading claws.



## Flo Star Claw Rebuild Kits

**100-0031** Rebuild Kit for Flo Star Claw with Valve. Includes valve spring, small center seal, bowl gasket, shut-off valve, shut-off clip, top seal for standard, top seal for classic, bumper O-ring and star washer for hanger. Wt. 2 oz.

**100-0032** Rebuild Kit for Flo Star Claw without Valve. Includes small center seal, bowl gasket, top seal for standard, top seal for classic, bumper O-ring and star washer for hanger. Wt. 1 oz.

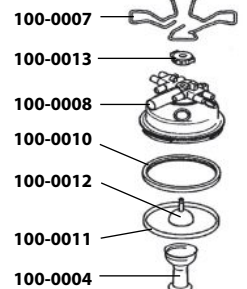
## REPLACEMENT Harmony Claw Top & Parts



**100-0006** Update Kit (top part) for new-style Harmony Claw with Shut-off.  
**100-0003** Update Kit (top part) for new-style Harmony Claw without Shut-off.

### Included in Update Kit:

- 100-0007** Liner support
  - 100-0013** Shut-off clip
  - 100-0008** Clear plastic claw top, shut-off style
  - 100-0002** Clear plastic claw top without shut-off hole (not pictured)
  - 100-0010** Outer gasket
  - 100-0012** Shut-off
  - 100-0011** Inner gasket
- Optional Parts:**
- 100-0005** Air bleed (not pictured)
  - 100-0004** Center milk tube
  - 100-0009** Take-off loop (not pictured)







# Orbiter Claws



1539072



1549026



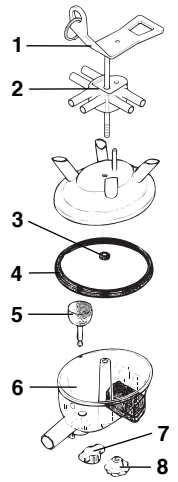
1559010



1569004

**PARTS:**

- 1 1540022 Stem w/ hanger for 240/250
- 1 1530191 Stem w/ hanger for 340/350
- 2 1530189 Distributor for side/side
- 2 1530193 Distributor for front/rear
- 1550006 Black plastic top part
- 3 1530068 Small gasket
- 4 1530150 Bowl gasket
- 5 1530014 Shut-off
- 6 1540003 250cc Bowl only
- 6 1530148 350cc Bowl only
- 1530164 350cc Bowl only without hole
- 6 1550011 240cc Bowl only
- 6 1560002 340cc Bowl only
- 7 1530016 Shut-off lock
- 8 1530152 Knurled nut



**Orbiter Claw** from Interpuls features a bowl with deep oval shape for better flow pattern. The large well-balanced rubber bumper provides protection against bumps and scrapes during take-off. Each Orbiter Claw has an elliptical shape for faster milk-out without turbulence or milk retention. The top part, available in highly polished stainless steel or economical plastic, has wide nipple spread to accommodate today's large-uddered cows. The clear bowl is made of durable, high-impact, transparent, lightweight poly material. Orbiter Claws are available for side-to-side or front-to-rear pulsation.

- 1539084** Stainless Steel Top Orbiter Claw, 350cc. capacity. 1/2"OD milk inlet. 5/8"ID milk outlet. For front/rear pulsation. Includes shut-off valve. Wt. 1.1 lbs.
- 1539072** Stainless Steel Top Orbiter Claw, 350cc. capacity. 1/2"OD milk inlet. 5/8"ID milk outlet. For side to side pulsation. Includes shut-off valve. Wt. 1.1 lbs.
- 1549026** Stainless Steel Top Orbiter Claw, 250cc capacity. 1/2"OD milk inlet. 5/8"ID milk outlet. For front/rear pulsation. Includes shut-off valve. Wt. 1 lb.
- 1549012** Stainless Steel Top Orbiter Claw, 250cc capacity. 1/2"OD milk inlet. 5/8"ID milk outlet. For side to side pulsation. Includes shut-off valve. Wt. 1 lb.
- 1559004** Plastic Top Orbiter Claw, 240cc capacity, 1/2"OD milk inlet. 5/8"ID milk outlet, for side to side pulsation. Wt. 1 lb.
- 1559010** Plastic Top Orbiter Claw, 240cc capacity, 1/2"OD milk inlet. 5/8"ID milk outlet, for front to rear pulsation. Wt. 1 lb.
- 1569002** Plastic Top Orbiter Claw, 340cc capacity, 1/2"OD milk inlet. 5/8"ID milk outlet, for side to side pulsation.
- 1569004** Plastic Top Orbiter Claw, 340cc capacity, 1/2"OD milk inlet. 5/8"ID milk outlet, for front to rear pulsation.

# Westfalia-Style Claw



Westfalia-style Claw has polished stainless steel top, polysulfone bowl and includes a 9/32" air divider for front/rear pulsation. If another air divider is desired, see options in PARTS below.

- 149100** 300cc Westfalia-Style Claw with Shut-off.
- 149101** 300cc Westfalia-Style Claw without Shut-off.
- 149200** 300cc Westfalia-Style Close Nipple Claw with Shut-Off.
- 149201** 300cc Westfalia-Style Close Nipple Claw without Shut-Off.



149100 and 149101 TOP VIEW



149200 and 149201 TOP VIEW

**PARTS:**

- 1 149112 Lock knob
- 2 149113 Plastic Air divider front/rear
- 149114 Plastic Air divider side/side
- 140324 S.S. Air divider front/rear
- 140320 S.S. Air divider side/side
- 3 149115 S.S. top bracket
- 4 149106 Rubber Shut-off w/stem
- 5 149103 O-Ring
- 6 149102 Claw bowl/gasket
- 7 149104 Bowl with hole
- 149105 Bowl without hole
- 8 149107 Rubber shut-off lock
- 9 149108 Rubber bung
- 10 149109 S.S. Base Plate
- 11 149110 Plastic lower bracket
- 12 149111 S.S. Long screw



# Top Unloading Claw

**Top Unloading Claw** allows the milk to begin exiting almost immediately which helps maintain vacuum stability. Constructed of 3/8" stainless steel, Top Unloading Claw features quality workmanship and superior finish.

Extra large capacity and large outlet make for easier milk flow while the tall styling eliminates swirling and breaks up flow for smoother evacuation of milk. Barrel depth is 3-3/4" and window O.D. measure 3-3/16". Claw features highly polished stainless steel construction with standard beveled inlets and invisible welds. Capacity is 328 cc (20 cu.in.). Replacement windows and gaskets are the same as for California Claw. Order the 140114 or 140115 Twin S.S. Air Fork (9/32" ID) to use with this Claw.

- 183605** Top Unloading Claw, 5/8" outlet, plastic plug included. Wt. 1.5 lbs.
- 183605P** Top Unloading Claw, 5/8" outlet parallel style, plastic plug included. Wt. 1.5 lbs.
- 183606** Replacement Plastic Plug for 5/8" outlet claws.
- 183607** Top Unloading Claw, 3/4" outlet, plastic plug included. Wt. 1.5 lbs.
- 183607P** Top Unloading Claw, 3/4" outlet, parallel style, plastic plug included. Wt. 1.5 lbs.
- 183608** Replacement Plastic Plug for 3/4" outlet claws.
- 8053** Rubber Claw Pad for 183605 (does not fit 183605P).
- 144101** Replacement Window (also fits Germania)
- 144102** Replacement Gasket (also fits Germania)
- 144103** Replacement Backflush Clip (also fits Germania)



183605



5/8" or 3/4" ID  
OUTLET

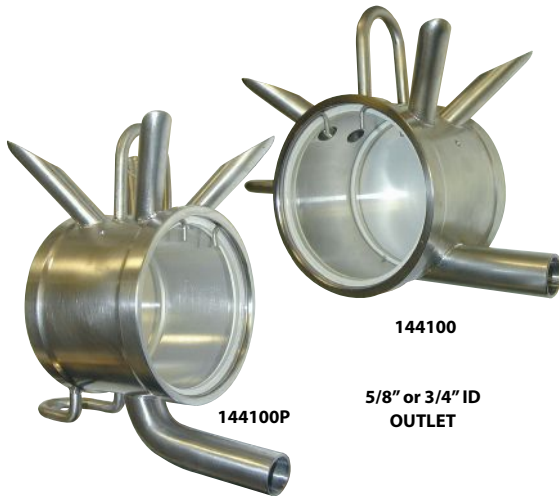
183605P



## The "Starfish"

Hose guide for parallel parlor hooks neatly on the rail for perfect alignment of the hoses. Made of polymer.

**1900001** "Starfish" Milking Accessory



144100

5/8" or 3/4" ID  
OUTLET

144100P



# California Claws

**California Claw** is constructed of highly polished 3/8" stainless steel with standard beveled inlets and invisible welds. Quality workmanship and superior stainless finish makes this the best claw of its style on the market.

Extra large capacity and large outlet make for easier milk flow. Tall styling eliminates swirling and breaks up flow for smoother evacuation of milk out of the Claw. Backflush clip, gaskets and windows included.

### SPECIFICATIONS

Barrel Depth	Window OD	Capacity	
144100 & 144100P	2-3/4"	3-3/16"	230 cc (14 cu.in.)
144134 & 144134P	3-1/2"	3-3/16"	324 cc (20 cu.in.)

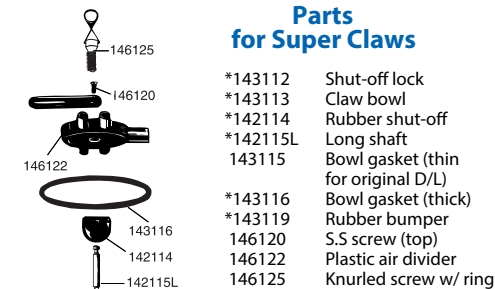
- 144100** California Claw with 5/8" ID outlet. Wt. 1.2 lbs.
- 144100P** California Claw with 5/8" ID outlet for parallel stalls. Wt. 1.2 lbs.
- 144134** California Claw with 3/4" ID outlet. Wt. 2 lbs.
- 144134P** California Claw with 3/4" ID outlet for parallel stalls. Wt. 1.4 lbs.
- 6080** Rubber Claw Pad for 144100 (does not fit 144100P)
- 8054** Rubber Claw Pad for 144134 (does not fit 144134P)

### PARTS

- 144101** Window (also fits Germania)
- 144102** Gasket (also fits Germania)
- 144103** Backflush Clip (also fits Germania)

## REPLACEMENT Super Claw Parts

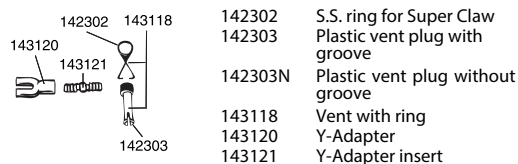
### Parts for Super Claws



- \*143112 Shut-off lock
- \*143113 Claw bowl
- \*142114 Rubber shut-off
- \*142115L Long shaft
- 143115 Bowl gasket (thin for original D/L)
- \*143116 Bowl gasket (thick)
- \*143119 Rubber bumper
- 146120 S.S. screw (top)
- 146122 Plastic air divider
- 146125 Knurled screw w/ ring

**143113C** Repair Kit  
\* Included in Repair Kit. One of each.

### Parts for Old-Style Super Claws



- 142302 S.S. ring for Super Claw
- 142303 Plastic vent plug with groove
- 142303N Plastic vent plug without groove
- 143118 Vent with ring
- 143120 Y-Adapter
- 143121 Y-Adapter insert

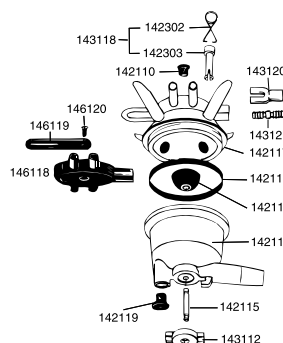
## DeLaval-Style Standard Claw

The larger inside dimension on Coburn's DeLaval-style Claw provides increased capacity for better operation. Extended front nipples match cows' udder shape for proper hanging of the claw. The enlarged bowl allows less chance for vacuum fluctuations on the fastest milking cows. Bowl is made of Grilamid TR55—a transparent polymer known for durability, clarity, long life, stability under heat and hydrolysis resistance.

Parts are completely interchangeable with original DeLaval. Replacing with our Claw Bowl with its larger 5/8" outlet can virtually eliminate drop-off due to flooding on DeLaval claws, while increasing capacity. Rubber bumper gives additional bowl protection and new tapered outlet nipple allows easier hose attachment.

These claws were expressly developed for twin pulsation, but we can also supply adapters for converting to single pulsation.

**142111** DeLaval-Style Claw. Capacity 180cc (11 cu.in.) Wt. 2 lbs.



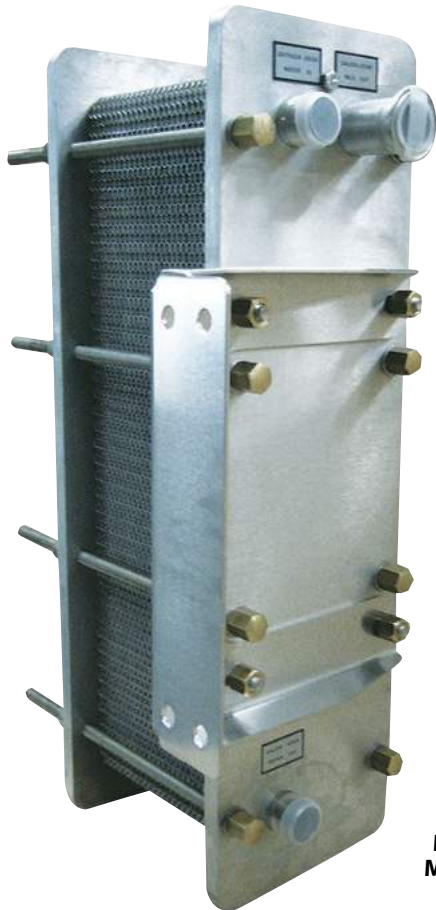
- 142110 Rubber vent for Standard Claw
- \*142113 Claw bowl
- \*142114 Rubber shut-off plug
- \*142115 S.S. Shaft
- \*142116 Gasket
- 142117 S.S. body for Standard claw
- \*142119 Rubber bumper
- 142302 S.S. ring (optional) for Std. Claw
- 142303 Plastic vent plug with groove (opt.)
- 142303N Plastic vent plug without groove (opt.)
- \*143112 Shut-off lock
- 143118 Vent w/ ring (opt.) for Std. Claw
- 143120 Y-Adapter (optional)
- 143121 Y-Adapter insert (optional)
- 146118 Air fork for Lightweight Claw
- 146119 Wash loop for Lightweight Claw
- 146120 Screw for wash loop
- 142113C** Repair Kit.
- \* Included in Repair Kit. One of each.





# Stainless Steel Plate Coolers

- Gives a rapid return on investment in energy savings.
- Extends bulk tank compressor life.
- Prevents mixing of warm milk with cool milk.
- Can significantly reduce somatic cell counts.
- May qualify for energy efficiency rebates.



**MINI Model**



**MEDI Model**

Coburn All-Stainless Steel Plate Coolers use the cool water/ heat exchange principle to pre-cool milk before it enters the bulk tank. Units are available in single and dual pass models. Dual pass models bring a fresh charge of cool water as milk passes through second half of the unit, doubling the cooling effect.

Coburn Plate Coolers feature solid sanitary 316 stainless steel end plates, cooling plates and bolts. Fluted edges on the plates guarantee tight fit, perfect alignment and protection from leaks. Nitrile rubber gaskets are resistant to oil and fats. Installed between the receiver and bulk tank, with the milk inlet and outlet on opposite sides for easier in-line placement. Coburn Plate Coolers are designed to be cleaned in place or disassembled for additional cleaning. After installation, Coburn Plate Coolers may be customized with additional cooling plates to increase capacity.

## MODELS & SPECIFICATIONS

Optimum performance is achieved at approximately a 3:1 water to milk ratio, but lower ratios will still result in significant cooling. Ambient temperature, water temperature, water pressure and other variables may alter results from those shown here. Water pressure should not exceed 87 psi (6 bars).

### MINI MODELS

- 15mm thick end plates
- Milk connections are 1.5" ferruled and water connections are 1" NPT.
- Units measure 26" high by 8" wide; depth varies with number of plates.
- All MINI models include heavy duty mounting brackets.
- Optional Solenoid Valve adds the convenience of automatic on/off of water flow with milk pump and also conserves water.

No. & Model	# of plates	Wt.	Milk Cooled Per Hour	Water (Coolant) Required
<b>SINGLE PASS Milk cooled to within 7°F (about 4°C) of water temperature.</b>				
173-11031 MINI	31	89 lbs.	502 Gal. (1900 Ltr.)	1439 Gal. (5450 Ltr.)
173-11055 MINI	55	106 lbs.	964 Gal. (3650 Ltr.)	2892 Gal. (7250 Ltr.)
<b>DUAL PASS Milk is cooled to within 5°F (about 3°C) of water temperature.</b>				
173-12058 MINI	58	116 lbs.	499 Gal. (1890 Ltr.)	1495 Gal. (5660 Ltr.)

#### Additional items include:

- 90225** 1.5" S.S. Gasket with #10 Mesh Screen, recommended to filter out solids for easier cleaning.
- 302-501** Brass Solenoid Valve for MINI Models only. 1" NPT, 110V, 2lbs.
- 302-503** Replacement Coil for 110V Solenoid.



**302-501**

### MEDI MODELS

- 20mm thick end plates.
- Milk connections are 2" ferruled and water connections are 2" NPT.
- Units measure 31" high by 13" wide; depth varies with number of plates.
- Includes adjustable stainless steel floor mounts.

No. & Model	# of plates	Wt.	Milk Cooled Per Hour	Water (Coolant) Required
<b>DUAL PASS Milk is cooled to within 5°F (about 3°C) of water temperature.</b>				
173-22058 MEDI	58	330 lbs.	1079 Gal. (4080 Ltr.)	3120 Gal. (11800 Ltr.)

#### Additional items include:

- 90235** 2" S.S. Gasket with #10 Mesh Screen, recommended to filter out solids for easier cleaning.



**90225  
90235**

#### Standard models may be modified with additional plates. Replacement plates are available for old-style plate coolers.

- 173-15000** Type 316 S.S. Plate with gasket for MINI models, ea. Wt. .75 lb. Increases cooling by 35 gallons per set of two plates.
- 173-25000** Type 316 S.S. Plate with gasket for MEDI models, ea. Wt. 1.6 lbs. Increases cooling by 70 gallons per set of two plates.



# Waikato Mk5 Milk Meter

The Mk5 Waikato Milk Meter is an important management tool for the progressive dairymen. Use to select high producing cows for future breeding, for culling low producers and for checking results of supplementary feeding. Waikato Milk Meter retains a small percentage of the yield in a calibrated flask from which the cow's total yield may be read in either pounds or kilograms. A representative sample can be easily taken for butterfat analysis. The Meter fits into the long milk tube between each milking cluster and the milk pipeline and is designed for cleaning in place.

New SpeedSampler models collect a 20ml sample during the milk metering process directly into a vial ready to remove for milk component analysis. Regular Waikatots may be upgraded to SpeedSampler models with the upgrade kit. Waikato Milk Meters are compatible with any standard milking machine and can be mounted either permanently with the wedge mounting kit (furnished on some models) or a portable rapid mounting clamp as listed below.

## WAIKATO MILK METERS DHIA APPROVED

- W50001** Dual Scale 65#/30kg Waikato with wedge mounting kit. Wt. 4 lbs.
- W50021** 92# Waikato with wedge mounting kit. Wt. 4 lbs.
- W50022** 42kg Waikato with wedge mounting kit. Wt. 4 lbs.
- W59001** 4.5 liter Waikato for Goats and Sheep with wedge mounting kit. Wt. 4 lbs.
- W50085** 92# Waikato with SpeedSampler (wedge mounting kit not included).
- W50086** 42kg Waikato with SpeedSampler (wedge mounting kit not included).
  
- W00152** SpeedSampler & Flask to upgrade 92 lb. or 65 lb. Waikato.
- W00153** SpeedSampler & Flask to upgrade 42kg Waikato.
- W50706** Economical hanger bracket for use with portable meter.
- W50141** Wedge Mounting Kit for permanent mount on horizontal pipeline or vertical post.
- W50175** Service Kit. Includes parts P, Q, B, Z & H below.

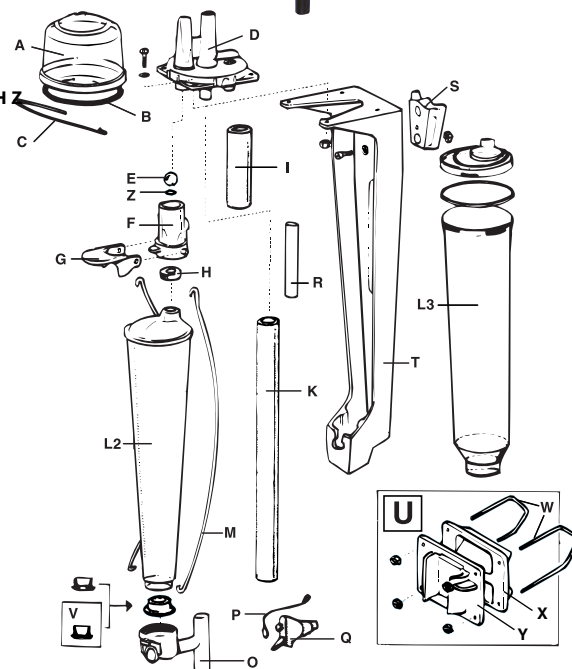


Waikato with Speed Sampler

SpeedSampler Upgrade Kit

## PARTS LIST

Part Number & Description	Ref.
<b>W50251</b> Cover	<b>A</b>
<b>W50301</b> Cover Seal	<b>B</b>
<b>W50703</b> Cover Clip	<b>C</b>
<b>W50161</b> Base Assembly	<b>D</b>
<b>W59161</b> Base Assembly for W59001	
<b>W50801</b> S.S. Ball	<b>E</b>
<b>W50260</b> Flask Depressor	<b>G</b>
<b>W50503</b> Valve Housing Gasket	<b>H</b>
<b>W50165</b> Ball Cage Assembly	<b>F</b>
<b>W50505</b> Short Tube	<b>I</b>
<b>W50506</b> Hose	<b>K</b>
<b>W50257</b> Flask for 92 lb.	<b>L3</b>
<b>W50164</b> Flask for 65 lb.	<b>L2</b>
<b>W50148</b> Flask for 42kg	-
<b>W67164</b> Flask for Goat Meter	-
<b>W50219</b> Flask Seal for 92 lb.	<b>L4</b>
<b>W50268</b> Flask Cap for 92 lb.	<b>L5</b>
<b>W50702</b> Flask wires (2)	<b>M</b>
<b>W50502</b> Bung - open flask for 65 lb.	<b>N</b>
<b>W50508</b> Bung - open flask for 92 lb.	<b>O</b>
<b>W50212</b> Tap Housing	<b>P</b>
<b>W50217</b> Tap Strap only	<b>Q</b>
<b>W50208</b> Three-Way Tap	<b>R</b>
<b>W50185</b> Tap with Strap	<b>P</b>
<b>W50704</b> 5/8" S.S. Connector	<b>R</b>
<b>W50187</b> Wedge Block Kit with bolts	<b>S</b>
<b>W50216</b> Spine Bracket	<b>T</b>
<b>W50141</b> Wedge Mount Kit (X,Y & W)	<b>U</b>
<b>W50507</b> Bung - closed flask for 65 lb.	<b>V</b>
<b>W50509</b> Bung - closed flask for 92 lb.	<b>V</b>
<b>W50186</b> U-Bolts for wedge brkt.	<b>W</b>
<b>W50504</b> O-Ring	<b>Z</b>
<b>W50265</b> Wedge mount back plate	<b>X</b>
<b>W50263</b> Wedge mount front plate	<b>Y</b>
<b>W50543</b> Cap strap for Speed Sampler	<b>YY</b>
<b>W50234</b> Wash Cap	
<b>W50536</b> Wash Tube	



## AMBIIC. In-Line Milk Sampler for low-line or high-line parlors



Milk-sampling yields important data that can help dairy farmers be more profitable. Checking individual cow somatic cell counts (SCC) identifies cows for treatment and helps keep a low SCC in the bulk tank which can mean bonuses on the milk check. Milk can also be tested for progesterone which is an early marker for pregnancy, and for high protein levels.

The Ambic Milk Sampler is a stand-alone representative milk sampling device which is inserted into the milk hose of each milker. The design of the Sampler allows collecting across the entire milking so that a representative sample is obtained. The collection bottle slips off easily and has an attached cap for convenience and protection of the sample. The sampler body also has an attached cap for closing it off. Once installed with the mounting bracket, the sampler body stays in place for clean-in-place (CIP) cleaning. Insertion into the milk line is a simple cut-and-fit procedure and the device is virtually maintenance-free.

Milk Sampler can be used with a wide variety of diagnostic and recording applications. Made of high quality chemical-resistant materials, Milk Sampler is designed to be cleaned in place. Sampler comes complete as shown with Body, 200ml Collection Bottle, Adapter, Caps, O-rings, L-shaped mounting bracket, blue plastic mounting block, cable tie and instructions. Milk Sampler works well with both low-line and high-line parlors. For 3/4" milk line.

- AMS200** Milk Sampler complete.
- AMS202** Replacement Bottle (200ml)
- AMS206** Replacement Bottle Adapter
- AMS204** Replacement Body
- AMS008** Replacement O-Rings, package of 6 sets



## Surge Vacuum Pulsator Repair Kit



Surge Vacuum Pulsator repair parts are available in a Kit, individually or in packages of 24.

**SPK11** Pulsator Repair Kit. Contents:

- 10XSU** Cylinder Gasket (2)
- 10WSU** Flanged Expander (4)
- 10KSU** Piston Leather (4)
- 10YSU** O-Ring (1)
- 102X1** Rubber Tip (1)
- 102X** Check Valve with Rubber Tip, (ordered separately, not in Kit)

## Pulsator Oil

A special oil for use in lubricating pulsator leathers and moving parts. Will not congeal in cold weather. A carton of six 8 oz. squeeze bottles weighs 3.5 lbs.

**930** Pulsator Oil, 8 oz. squeeze bottle.



## Delatron Pulsator Repair Kits



**160160** Repair Kit for Old Style Delatron Pulsator. Contains 1 top diaphragm, 1 bottom diaphragm, 2 white axles, 5 screws, 2 coil O-rings, 1 base O-ring.



**160161** Repair Kit for New Style Delatron Pulsator. Contains 1 top diaphragm, 1 bottom diaphragm, 2 white axles, 5 screws, 2 coil O-rings, 1 base O-ring.

## Surge Alternating Pulsator Repair Kit



**160120** Repair Kit for Surge Alternating Pulsator. Contains 2 each:

- 160127** Piston
- 160128** O-Ring
- 160129** Top Insert
- 160130** Bottom Cap

## Universal Alternating Pulsator Repair Kit



**160140** Repair Kit for Universal Alternating Pulsator. Contents:

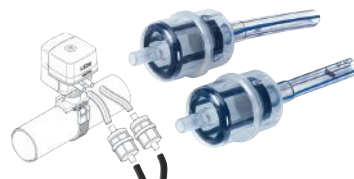
- 160141** Piston, insert & cap (2)
- 160144** Tear Gasket (2)
- 160145** Nipple Gasket (1)
- 160143** Piston Insert (2)
- 160142** Piston cap (2)

## HP102 & HP100 Pulsator Repair Kits



**160150** Repair Kit for DeLaval HP100 and HP102 Pulsator. Contains 1 arm spring for HP100, 1 arm spring for HP102, 1 plate gasket, 1 slide, 2 e-clips and 2 hairpin clips.

## Filter/Silencer



**1303226** Filter/Silencer Kit works with all styles of pulsators. Nipples are 3/8" OD. Made of polymer. Set of 2.

## Original BouMatic Pulsator Repair Kit

**BM0126** Repair Kit for Original BouMatic Pulsator.

Contents:

- BM0104** Piston (2)
- BM0112** Coil Base Gasket (2)
- 160107** Star Washer (4)
- 160111** Nipple Gasket (1)
- BM0113** Top Rubber Insert (2)
- BM0114** Bottom Rubber Cap (2)



## BouMatic-style Pulsators



Our BM-style Pulsator has consistent pulsation rhythm, smooth operation, long life and identical performance to the original. Covered air passages have six indented air slots. Fiber-filled molded nylon coil body is better than the original with reinforcement around and between contact screws for resistance to cracking.

**BM0200** BM-style Electrical Pulsator.

**BM0300** BM-style Quick-Disconnect Electrical Pulsator.

**BM0204** Repair Kit for BM0200 and BM0300.

## Blue Coil



**BM0100** Replacement Blue Coil for BM-style Pulsators. Wt. 1 lb.

## Black Coil

for Surge Pulsators



**135-0009** Black Replacement Coil for Surge Alternating Pulsator. Wt. 1.2 lbs.



## Nipple for Milk Pipeline



Stainless Steel strap-on pipe nipple, electropolished. Ideal for wash lines. Fits 1-1/2" to 3" pipe.

**BR248** S.S. Pipe Nipple for 9/16 ID milk hose

**BR250** S.S. Pipe Nipple for 5/8 ID milk hose

**BR252** S.S. Pipe Nipple for 3/4 ID milk hose

Replacement Parts:

**BR248GL** Repl. Gasket for BR248

**BR250GL** Repl. Gasket for BR250

**BR252GL** Repl. Gasket for BR252

**160118** Repl. Pipe Strap

## ECONOMY Fresh Air Filter



Low-cost, quick-mount Fresh Air Filter is attached directly to 3" PVC pipe and can handle six pulsators. Green plastic body with replaceable foam filter.

**160314** Economy Fresh Air Filter, complete.

**160316** Replacement Foam Filter.

# Coburn® Fresh Air Filters & Kits



**160215**



**160215**  
Filter

**160216**  
Kit

**160217**  
Kit

**160227**  
Cover for Surge

With dusty conditions, it is imperative that pulsators get the clean air that enables them to function at peak efficiency. Fresh Air Filter fits up to 3" PVC pipe and features a one-piece, durable plastic cover. Use with a standard automotive-type filter. Adapter kits are available for Bou-Matic, Surge, Westfalia and Strangko.

**160215** Fresh Air Filter. Includes Filter cover, cartridge and base. Wt. 2 lbs.

**160216** Fresh Air Kit for Strangko or Westfalia. Includes 2 each nipple adapter (no. 160218), black Transflow hose, 90° elbow and one pulsator cover no. 160222. Wt. .5 lbs.

**160217** Fresh Air Kit for Bou-Matic or Surge. Includes 2 each nipple adapter (no. 160219), black Transflow hose, and 90° elbow. Wt. 5 lbs.

### REPLACEMENT PARTS

**160218** Nipple adapter for Strangko or Westfalia.

**160219** Nipple adapter for B/M or Surge.

**160220** 90° Elbow, 3/8" hose X 1/4 NPT.

**160221** Black Transflow Hose 3/8" X 18".

**160222** Pulsator Cover for Strangko or Westfalia.

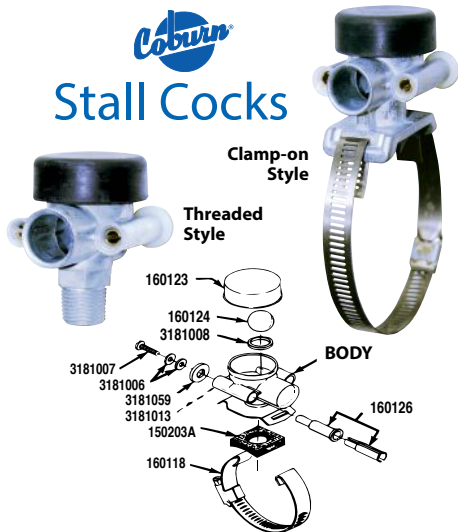
**160223** Filter Cover.

**160224** Filter Cartridge.

**160225** Filter Base.

**160227** Pulsator Cover for Surge.

## Stall Cocks



Clamp-on Style

Threaded Style

BODY

A quality product at a reasonable price, guaranteed not to leak vacuum. Die-cast, rust-free metal construction. Sized to fit all sizes of PVC or stainless steel tubing. Fits Strangko, BouMatic, Schlueter and Westfalia electric pulsators.

New Threaded Style screws directly into the tubing so no clamp is required.

**160119** Threaded Stall Cock.

**160115** Clamp-on Stall Cock.

**318100055** Stainless Steel Screw Upgrade Kit for BouMatic Style Stallcock.

**160125** Stall Cock Repair Kit.

— Contents of Repair Kit —

2 **3181007** Long Screw

1 **3181008** O-Ring

1 **3181013** Short Screw

2 **3181059** Insul. Washer

6 **3181006** Brass Washer

2 **160126** Stall Cock

Insert

1 **160124** Ball Complete

Other Repair Parts:

**160123** Cap

**150203A** Gasket

**160118** Clamp

## STAINLESS STEEL Valve & Attachments



REVERSED GOOSENECK

GOOSENECK

**150106A**

**150200A**

**150106B**

**150203A**

**150200A** Sliding Milk Valve. 1-1/2" to 3", 5/8".

**150106A** Black Gasket (Top under slide) 5/8".

**150106B** Black Gasket (Top under slide) 9/16".

**150203A** Black Gasket (Bottom) 5/8".

**150202A** S.S. Gooseneck 5/8".

**150303A** S.S. Reversed Gooseneck 5/8".

## 5/8" Inlet Blue Milk Valves



**150104**

**150105**

**150100** Blue Plastic Milk Valve, 1-1/2".

**150101** Blue Plastic Milk Valve, 2".

**150102** Blue Plastic Milk Valve, 2-1/2".

**150103** Blue Plastic Milk Valve, 3".

**150104** Round Gasket, 5/8".

**150105** White Gasket, 5/8".

**150107** Stainless Steel Slide.

**150108** Screw.

**150109** Stainless Steel Nut.



# STRANGKO

# Alternating Pulsators

- Covered air passage with six indented air slots allows continuous free air passage for gentle, even massage and consistent inflation collapse.
- Fiber-filled, molded nylon coil body virtually eliminates the cracking found in other pulsator coils.
- Solid flat cover protects against debris entering air passages and hampering pulsator performance.
- Smooth-edged corners allow unrestricted movement for even pulsation shift. Enlarged openings allow plenty of room for bullets to shift eliminating wear which causes magnetizing (a major problem of the original blue & white pulsator). The Strangko pulsator gives you consistent pulsation rhythm, milking after milking.
- New smooth fitting coil & base means fewer crevices to trap dirt.
- Self seating coil allows for perfect positioning of pistons when pulsator is rebuilt and eliminates crooked piston travel which results in poor graphs and premature wear.



### Stanchion Model

- 160100** Stanchion Model Pulsator, Blue 24VDC. Wt. 1.5 lbs.
- 160100G** Stanchion Model Pulsator, Green 24VDC.
- 3020425** Stanchion Model Pulsator, 12VDC, Blue.
- 3020431** Replacement Coil for 12VDC Pulsator, Blue.
- 160102** Replacement Coil for 24VDC Pulsator, Blue.
- 160102G** Replacement Coil for 24VDC Pulsator, Green.



### Stanchion Model with Fresh Air Nipples

- 160100F** Stanchion Model Pulsator with Fresh Air Nipples, Blue 24VDC.
- 160100GF** Stanchion Model Pulsator with Fresh Air Nipples, Green 24VDC.
- 160102** Replacement Coil for 24VDC Pulsator, Blue.
- 160102G** Replacement Coil for 24VDC Pulsator, Green.



### Parlor Model

- 3020475** Parlor Model Pulsator, 12VDC Blue.
- 160131** Parlor Model Pulsator, Blue 24VDC. Wt. 1.4 lbs.
- 160131G** Parlor Model Pulsator, Green 24VDC.
- 3020431** Replacement Coil for 12VDC Pulsator, Blue.
- 160102** Replacement Coil for 24VDC Pulsator, Blue.
- 160102G** Replacement Coil for 24VDC Pulsator, Green.

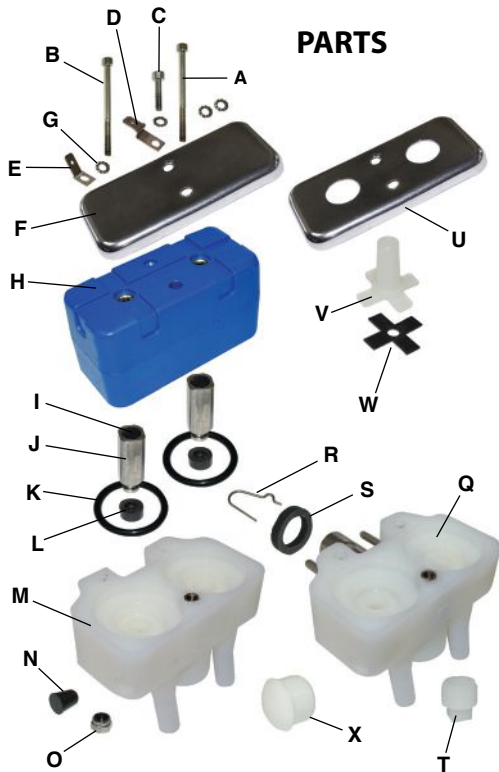


### Parlor Model with Fresh Air Nipples

- 160131F** Parlor Model Pulsator with Fresh Air Nipples, Blue 24VDC.
- 160131GF** Parlor Model Pulsator with Fresh Air Nipples, Green 24VDC.
- 160102** Replacement Coil for 24VDC Pulsator, Blue.
- 160102G** Replacement Coil for 24VDC Pulsator, Green.

# STRANGKO

## Alternating Pulsators Parts and Repair Kits



### PARTS

- A 160108 60mm screw for stanchion
- 160108P 70mm screw for stanchion fresh air
- 160109P 50mm screw for parlor
- 160121 55mm screw for parlor fresh air
- B 160109 45mm screw for stanchion
- 160109P 50mm screw for stanchion fresh air
- 160121 55mm screw for parlor fresh air
- C 160110 12mm screw for stanchion & parlor
- 160110P 16mm screw for stanchion and parlor fresh air
- D 3020156 Top part elec. conn. (parlor model)
- E 3020155 Bottom part elec. conn. (parlor model)
- F 160101 S.S. pulsator cover
- G 160107 S.S. star washer \* (4 required.)
- H 160102 Replacement Coil, 24V blue
- 160102G Replacement Coil, 24V green
- H 160104 Replacement Coil, 12V blue
- 160113 Piston rubber insert old style \* (2 required)
- I 3020129 Piston rubber insert new style \* (2 required)
- 160104 Piston only old style \* (2 required)
- J 3020109 Piston only new style \* (2 required)
- 94170402 Extension washer old style \* (3 required)
- K 160112 Coil base gasket \* (2 required)
- L 160114 Bottom rubber cap \* (2 required)
- M 160103P Pulsator bottom white (parlor model)
- N 3020135 Machine plug
- O 160108N Nut for pulsator screws
- Q 160103 Pulsator bottom white (stanchion model)
- R 160105 Switch spring (stanchion model)
- S 160111 Nipple gasket (stanchion model) \*
- T 160106 Dust cap (stanchion model)
- U 160222 S.S. pulsator cover for fresh air style
- V 160218 Fresh air nipple
- W 3020038 Bottom gasket for fresh air nipple
- X 3020157 Replacement plug (parlor model)

\* included in repair kits

### REPAIR KITS



Note  
Coil  
Shape

**160116 Pulsator Repair Kit for Strangko or Westfalia pulsators (old style).**

**160116A Pulsator Repair Kit for Strangko or Westfalia new-style pulsators.**

# STRANGKO

## Handy-Grip

### Quick Attachment Vacuum & Milk Line in one step



Quick, strong, reliable and easy to use, Handy-Grip Stanchion Barn Valves live up to their name with tapered tubing for easier connection, reinforced permanently-mounted double valves, and ergonomic design with only two moving parts. Comfortable, lightweight Handy-Grip is available for electrical or vacuum pulsation.

#### NOTE: Order Openers and Valves separately.

- 3331717 Handy-Grip Opener for electrical pulsation for 1.5, 2 and 2.5" line. CSA-approved.
- 3331920 Handy-Grip Opener for electrical pulsation for 3" line. CSA-approved.
- 3331715 Handy-Grip Opener for vacuum pulsation for (1.5, 2 and 2.5" line.)
- 3331773 Double Valves for electrical pulsation for 2" line. CSA-approved.
- 3331783 Double Valves for electrical pulsation for 2.5" line. CSA-approved.
- 3331912 Double Valves for electrical pulsation for 3" line. CSA-approved.
- 3331760 Double Valves for vacuum pulsation for 2.5" line

#### ADDITIONAL PARTS

- BR250 5/8"ID 3/4"OD S.S. Pipe Nipple for 1-1/2 to 3" line. (Order one per Valve.)
- BR252 3/4"ID 7/8"OD S.S. Pipe Nipple for 2-1/2 to 3" line.
- 3331835 1.5" Wash Valve for Handy-Grip
- 3331830 2" Wash Valve for Handy-Grip
- 3331900 2.5" Wash Valve for Handy-Grip
- 3331930 3" Wash Valve for Handy-Grip
- 3331730 Replacement White Gasket for Handy-Grip valves (all sizes)
- 3618230 Wire Assembly for Handi-Grip valve
- 3331713 Wire Assembly for Handy-Grip opener
- 3331737 V-Gasket for Handy-Grip

### Drill Bit For Handy-Grip



**1245000** Taper Drill Bit max 21.8mm is sized correctly for drilling the hole for Handy-Grip Valves. Superior quality bit for long life.



# ACR Parlor Detacher

ACR Parlor Detacher combines a high-flow Sensor, a versatile Controller and a powerful, large-bore Vacuum Cylinder which is compact and lightweight. The Cylinder has adjustable top cover for best hose alignment and an efficient and smoothly operating pulley and piston system. Retract stroke is 49 inches (1000mm) to assure complete detachment. Cylinder body is durable plastic, internal parts are self-lubricating, detacher cord is polyester.

The ACR System is completely adjustable for soft take-off, milk letdown delay, milk sweep and flow settings for end of milking. Simple to use cow-side information includes milking time and early detaching, which allow fast informed decisions during milking. Delayed retraction is gentle on the teats. High-flow sensor gives stable vacuum with positive shut-off.

- 5509007** Complete ACR Parlor Detacher including Detacher Cylinder, Control Panel, Sensor, Brackets and Switching Valve.
- 5209001** Vacuum Cylinder for ACR and other systems. Wt. 2 lbs.
- 5509009** Control Panel for ACR
- 5500076** Control Panel Bracket
- 5519007** Hi Flow Sensor for 3/4" ID Tubing
- 5510038** S.S. Bracket for Sensor
- 1039092** CV20 Switching Valve
- 5200100** Optional Break-Away Safety Clip. May be used with ACR and other detachers for quick disconnect of detacher from cluster. Made of smooth wear-resistant plastic material.
- 1049131** Power Supply for up to 20 ACR Detachers. Wt. 6 lbs.
- 1030339** Repair Kit for CV20 Switching Valve
- 5510008** Repl. Diaphragm Shut-off for Sensor
- 5200008** Repl. Piston & Pulley Assembly



Control Panel Bracket



Control Panel



Cylinder



Sensor Bracket



Switching Valve



Sensor



Safety Clip

## Quick-Vent Valve



Quick Vent Valve for ACR Detacher is an exclusive system which brings the cluster down quickly. Quick Vent Valve makes it faster and easier to attach the clusters between milkings, thus increasing the drop speed of the cluster itself, all without any vacuum consumption. Designed to be completely independent from the cylinder, the Valve is easily installed even on existing milking systems.

**5239001** Quick Vent Valve for ACR Detacher

## Complete Quick Mount

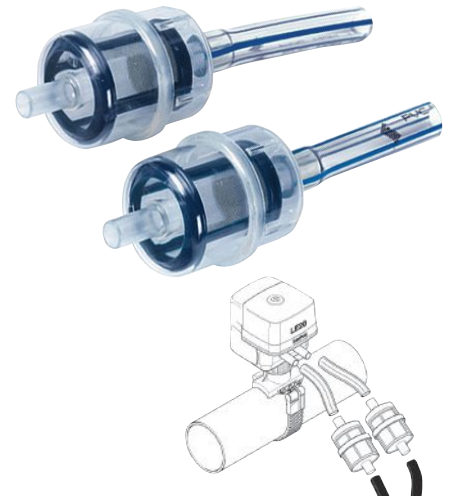
for LE30 and LP30 Pulsators



Quick Mount for LE and LP pulsators enables quick connection when moving the pulsator along the vacuum line. Quick Mount is made of durable materials designed to match LE and LP pulsator cases. Strap is adjustable up to 4" OD.

**2809078** Complete Quick Mount for Interpuls Electronic LE and LP Pulsators.

## Filter/Silencer



**1030226** Filter/Silencer Kit works with all styles of pulsators. Nipples are 3/8" OD. Made of polymer. Set of 2.





# Electronic Pulsators

Improved Electronic Pulsators from Interpuls have been redesigned for consistent milking in all types of milking conditions while minimizing energy usage, maintenance time, vacuum consumption and vacuum fluctuation. In case of a liner split, the pulsators may be flushed with clean water without dismantling the entire pulsator. Repair and replacement service is quick, approximately 10 minutes.

Operation is smooth and quiet due to diaphragm-driven valves, which also contribute to reduced total milking time. Each pulsator features a snap-on air filter for better functioning of the pulsator over a longer period of time. Water-resistant case has a clean attractive design and the quick-connect electrical connections are waterproof. Each pulsator style is available in either single or double milker configuration (2- or 4-exits). All models are 24 volt with 1/2" NPT mounting.

LE30 Pulsators may be set for cascading pulsation and for a wide variety of speeds, ratios and milking conditions with the Pulsator Controller. Controller has a microprocessor, quartz timing and is designed to minimize heat and stabilize output current. Controller is made of anodized aluminum with ABS plastic cover and resin-sealed internal parts. Output channels are short-circuit protected.

Touch-Screen Pulsation Controller for 24 LE pulsators has an appealing compact design and, at 6 lbs., is much lighter weight than other controllers. Default settings for rate, ratio, phase and timing are pre-loaded but may be changed via touch screen. Controller will work with input voltages ranging from 100 to 265 VAC without filters or transformers. Box is totally protected against humidity.

- 1069001 LE30 Electronic Pulsator, 2-exit style.
- 1069003 LE30 Electronic Pulsator, 4-exit style
- 1049088 Controller for 8 LE Pulsators. Wt. 10 lbs.
- 1049090 Controller for 24 LE Pulsators. Wt. 14 lbs.
- 1049127 Touch-Screen Controller for 24 LE Pulsators. Wt. 6 lbs.
- 1040106 Repl. Print Board for 1049088
- 1040108 Repl. Print Board for 1049090
- 1060233 Diaphragm & Pistons f/LE30, LP30 & CV30



Touch-Screen Controller



LE30



LP30



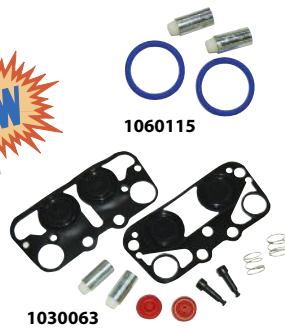
## Repair Parts



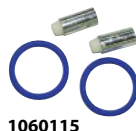
Snap-On Air Filter



Filter Pad



1030063



1060115

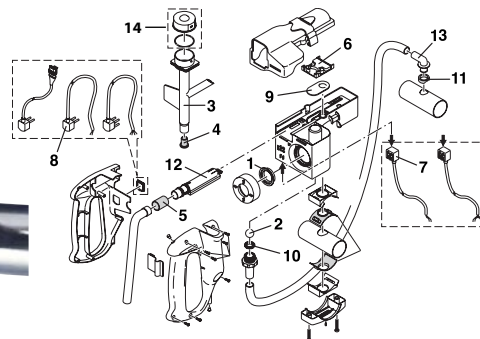
LP30 is individually programmable so no controller is necessary. Select speed from 55 to 180 pulsations per minute and individual ratios front and rear. Transformer power supply is made of anodized aluminum with ABS plastic cover and resin-sealed internal parts. Output channels are short-circuit protected.

- 1069009 LP30 Programmable Electronic Pulsator, 2-exit style.
- 1069011 LP30 Programmable Electronic Pulsator, 4-exit style.
- 1049131 Power Supply for up to 50 LP Pulsators or up to 20 ACR Detachers. Wt. 6 lbs.
- 1030110 Replacement Foam Filter Pad only.
- 1030111 Replacement Snap-on Air Filter.
- 1060115 Repair Kit for LE30 and LP30 Pulsators
- 1030063 Repair Kit for LE20 and LP20 Pulsators
- 1030019 Replacement 24-volt solenoid for LE and LP Pulsators
- 1030049 Replacement 12-volt solenoid for LE and LP 12 Volt Pulsators
- 1060233 Diaphragm & Pistons f/LE30, LP30 & CV30

Pulsator not included



# CombiFast Quick-Connect Unit



### Replacement Parts

CombiFast is a patented connecting system for simultaneously connecting milk, vacuum, electric power and data transfer lines. Designed for use with any stanchion barn milking system, CombiFast is made from lightweight, shock-resistant, high-strength polymer and features a practical handle making it easy to carry. Each CombiFast unit is manufactured and tested individually in compliance with ISO standards.

- 1429010 CombiFast Opener for Vacuum Pulsation
- 2809116 Adaptor for Vacuum Pulsator
- 2800234 Vacuum Pulsator Nipple
- 1429001 Valve for Vacuum Pulsation, 1.5" line
- 1429004 Valve for Vacuum Pulsation, 2" line
- 1429007 Valve for Vacuum Pulsation, 2.5" line
- 1429011 CombiFast Opener for Electrical Pulsation
- 2800132 Pulsation Adapter (required for use with above Opener)
- 1429002 Valve for Electrical Pulsation, 1.5" line
- 1429005 Valve for Electrical Pulsation, 2" line
- 1429008 Valve for Electrical Pulsation, 2.5" line

- 1 1420005 Vacuum inlet gasket
- 2 1420009 S.S. shut-off ball
- 3 1420148 Vacuum inlet
- 4 1420030 Junction plug
- 5 1420032 Milk tube sleeve
- 6 1420099 Slide for valve
- 7 1420110 Two-prong wire
- 8 1420116 Two-prong power cord
- 9 1420121 Slide gasket
- 10 1420146 Ball seat gasket
- 11 1420137 Vacuum elbow gasket
- 12 1420139 Milk spout
- 13 1420025 Vacuum elbow
- 14 2800131 Cap with O-Ring

# L02 Vacuum Pulsators



# LL90 Long Life Vacuum Pulsator

## L02 AIR PULSATORS

- 50% more air boost than standard L02 Pulsator
- Oversized filtering surface
- Improved performance
- Gentle and uniform milking
- Excellent massage phase
- Easier to clean air filter
- Service free



BACK VIEW

- 1079001** L02 Air Pulsator 60/40 Ratio with 2 exits
- 1079002** L02 Air Pulsator 50/50 Ratio with 2 exits
- 1079003** L02 Air Pulsator 65/35 Ratio with 2 exits
- 1079005** L02 Air Pulsator 60/40 Ratio with 4 exits

## L02 PULSATORS

- Compact, ergonomic design – precision fit plastic covers
- State-of-the-art valve plate & slide or smoothest action and guaranteed consistency of milking / massage phase
- Main diaphragm – impermeable and resistant to fatigue
- Easily installed and serviced
- Adjustable from 50 to 180 ppm over a vacuum range of 35 to 50kPa (10 to 15 hg)
- Boxed with instruction and parts list

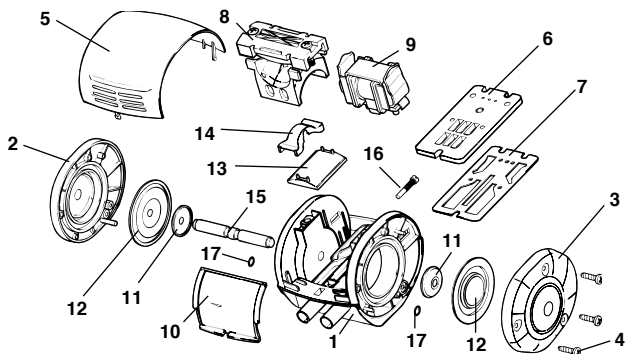


- 1059001** L02 Pulsator 60/40 Ratio with 2 exits
- 1059002** L02 Pulsator 50/50 Ratio with 2 exits
- 1059003** L02 Pulsator 65/35 Ratio with 2 exits
- 1059004** L02 Pulsator 70/30 Ratio with 2 exits
- 1059005** L02 Pulsator 60/40 Ratio with 4 exits
- 1059006** L02 Pulsator 50/50 Ratio with 4 exits
- 1059007** L02 Pulsator 65/35 Ratio with 4 exits
- 1050027** Replacement Filter
- 1050061** Repair Kit for 60/40
- 1050062** Repair Kit for 50/50
- 1050063** Repair Kit for 65/35
- 1050064** Repair Kit for 70/30



### Parts for L02 & L02 Air Pulsators

- |    |         |                             |     |         |                       |
|----|---------|-----------------------------|-----|---------|-----------------------|
| 1  | 1050001 | Body with 2 exits           | 10  | 1050027 | Filter                |
| 1A | 1050029 | Body with 4 exits           | 11  | 1050009 | Diaphragm plate       |
| 2  | 1050002 | Right cover                 | 12  | 1010007 | Main diaphragm        |
| 3  | 1050003 | Left cover                  | 13  | 1050012 | Slide 60/40           |
| 4  | 1000023 | End cover screw             | 13A | 1050015 | Slide 50/50           |
| 5  | 1050056 | Top cover, S.S.             | 13B | 1050014 | Slide 65/35           |
| 5  | 1090007 | Top over for L02 Air, blue  | 13C | 1050013 | Slide 70/30           |
| 6  | 1050007 | Synthetic valve plate       | 14  | 1050011 | Slide locating block  |
| 7  | 1050008 | Valve plate gasket          | 15  | 1000049 | Spindle               |
| 8  | 1050018 | Valve plate holder          | 16  | 1050004 | Speed adjusting screw |
| 9  | 1050021 | Reverse mechanism block     | 17  | 1000159 | O-Ring                |
|    | 1000051 | Small diaphragm for 1050021 |     |         |                       |



- The Vacuum Pulsator for heavy duty working conditions
- Simple, reliable, variable-speed alternating pulsator
- "Dust" air filter for improved filtration of microscopic dust particles
- Cover design for tighter fit.
- "Surematch" slide & valve for less friction and smoother interaction
- Diaphragm made of fatigue-resistant materials
- Boxed with instruction and parts list

## LL90 Stainless Steel Top, Black Covers



- 1019013** LL90 Pulsator 50:50 Ratio
- 1019014** LL90 Pulsator 60:40 Ratio
- 1019015** LL90 Pulsator 65:35 Ratio
- 1019016** LL90 Pulsator 70:30 Ratio
- 1019018** LL90 Pulsator with 4 exits, 60:40 ratio
- 1000058** Nipple Blanking Plug

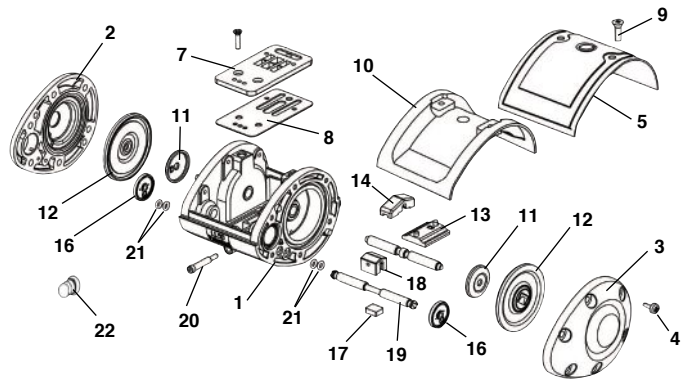
### Repair Kits

Repair Kits are bagged with instruction manual. Contents:  
 2 - 1010007 Diaphragm  
 2 - 1000051 Small Diaphragm  
 4 - 1000159 O-ring  
 2 - 1000023 End Cover Screws  
 1 - 1010010 Top Cover Screw  
 1 - 1010006 Filter  
 and appropriate slide.

- 1010033** Repair Kit for 60:40 with 1010001 slide
- 1010034** Repair Kit for 50:50 with 1010002 slide
- 1010035** Repair Kit for 70:30 with 1010003 slide
- 1010036** Repair Kit for 65:35 with 1010009 slide



### Parts for LL90 / SPIII Pulsators



- |    |         |                        |    |         |                                  |
|----|---------|------------------------|----|---------|----------------------------------|
| 1  | 1010005 | Body with 2 exits      | 13 | 1010002 | Large slide - 50/50              |
| 2  | 1000005 | End cover left (LL90)  | 13 | 1010001 | Large slide - 60/40              |
| 3  | 1000006 | End cover right (LL90) | 13 | 1010009 | Large slide - 65/35              |
| 4  | 1000023 | End cover screw        | 13 | 1010003 | Large slide - 70/30              |
| 5  | 1010011 | S.S. top cover (LL90)  | 14 | 1010098 | Large slide locating block       |
| 6  | 1010010 | Top cover screw        | 15 | 1000049 | Spindle                          |
| 7  | 1010085 | Synthetic valve plate  | 16 | 1000051 | Small diaphragm                  |
| 8  | 1000035 | Valve plate gasket     | 17 | 1000052 | Small slide                      |
| 9  | 1000037 | Valve plate screw      | 18 | 1000053 | Small slide valve locating block |
| 10 | 1010006 | Filter                 | 19 | 1000054 | Small spindle                    |
| 11 | 1000041 | Diaphragm plate        | 20 | 1010015 | Speed adjustment screw           |
| 12 | 1010007 | Main diaphragm         | 21 | 1000159 | O-ring                           |
|    |         |                        | 22 | 1000058 | Nipple blanking plug             |

\*\*1000082 ITP 4-Exit Adapter w/ O-Rings & Screw (Not shown in illustration above).





## L80 Vacuum Pulsator

### L80 INTERPULS PULSATOR

- Our most popular Vacuum Pulsator
- Reliable, easily rebuilt, economical
- Featuring long-life diaphragm & synthetic valve plate for smoother operation
- Boxed with instruction and parts list

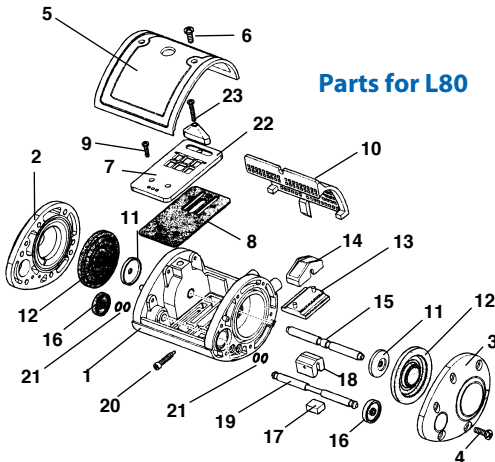
- 50501** L80 Pulsator 50:50 Ratio.  
**60501** L80 Pulsator 60:40 Ratio.  
**60505** L80 Pulsator with 4 exits for Surge Suspended Bucket. Specify ratio.  
**70501** L80 Pulsator 70:30 Ratio.  
**1000058** Nipple Blanking Plug.



### Repair Kits

- 1000095** Repair Kit for 60:40. 1010001 slide.  
**1000096** Repair Kit for 50:50. 1010002 slide.  
**1000097** Repair Kit for 70:30. 1010003 slide.  
 Repair Kits are bagged with instruction manual.  
 Contents: 2 - 1010007 Main Diaphragm, 2 - 1000051 Small Diaphragm, 4 - 1000159 O-ring, 2 - 1000023 End Cover Screws, 1 - 1000030 Top Cover Screw and appropriate slide.

### Parts for L80



- |    |         |                        |    |         |                            |
|----|---------|------------------------|----|---------|----------------------------|
| 1  | 1000001 | Body with 2 exits      | 13 | 1010002 | Large slide - 50/50        |
| 2  | 1000005 | Left cover             | 13 | 1010003 | Large slide - 70/30        |
| 3  | 1000006 | Right cover            | 14 | 1010098 | Large slide locating block |
| 4  | 1000023 | End cover screw        | 15 | 1000049 | Spindle                    |
| 5  | 1000024 | S.S. top cover         | 16 | 1000051 | Small diaphragm            |
| 6  | 1000030 | Top cover screw        | 17 | 1000052 | Small slide                |
| 7  | 1010085 | Synthetic valve plate  | 18 | 1000053 | Small slide locating block |
| 8  | 1000035 | Gasket for valve plate | 19 | 1000054 | Small spindle              |
| 9  | 1000037 | Valve plate screw      | 20 | 1010015 | Speed adjusting screw      |
| 10 | 1000038 | Filter                 | 21 | 1000159 | O-ring                     |
| 11 | 1000041 | Diaphragm plate        | 22 | 1010092 | Valve plate clamp          |
| 12 | 1010007 | Main diaphragm         | 23 | 1010093 | Clamp screw                |
| 13 | 1010001 | Large slide - 60/40    |    |         |                            |

\*\*1000082 ITP 4-Exit Adapter w/ O-Rings & Screw (Not shown in illustration above).

## Adapters for Interpuls Vacuum Pulsators



- 161406** Adapter for Permanent Mount, 3/8" NPT  
**161407** Lid Adapter for BouMatic & Surge  
**3009032** Repl. Bottom Gasket for 161407  
**3010033** Repl. Top Gasket for 161407  
**161420** Adapter for Universal stall cock  
**161423** Adapter for Surge white stall cock  
**2809001** Adapter for Old Style stall cock  
**2809004** Adapter for various machines  
**2809010** Adapter for D/L Bucket (Hydro)  
**2800046** Check Valve for 2809010  
**2800063** Repl. Top Gasket for 2809010  
**140428** Repl. Bottom Gasket for 2809010  
**2800072** Repl. O-Ring for 2809010  
**2809015** Adapter for DV300 or D/L stall cock  
**2800064** Repl. Top Gasket for 2809015  
**2800068** Repl. O-Ring for 2809015  
**2809032** Adapter for new style Westfalia lid  
**2800076** Repl. O-Ring for 2809032  
**2800065** Repl. Top Gasket for 2809032 and 2809061  
**2809035** Adapter for Westfalia bayonet fitting  
**2809041** Adapter for Fullwood pipeline  
**2809046** Adapter for Mellotte pipeline bracket  
**2809061** Adapter for Surge suspended bucket  
**2809064** Adapter for B/M Electric stall cock  
**2809065** Adapter for D/L Electric stall cock  
**2800094** Repl. Gasket (machined) and body for 2809064 & 2809065  
**10419** Repl. Square Gasket for 2809073

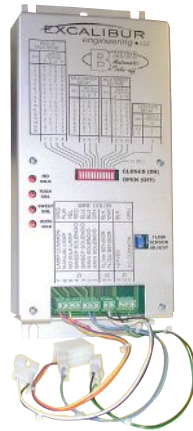


## REPLACEMENT Circuit Board FOR WESTFALIA ACR1 STYLE DETACHERS



**145-0001** Replacement Circuit Board for Westfalia ACR1-style Detachers. Includes board heater to help prevent condensation.

## REPLACEMENT Control & Board FOR B/M STYLE DETACHERS



This well-designed unit is a complete drop-in replacement control and circuit board for BouMatic-style detachers. It features easy programming, LED indicators, and choice of automatic or manual modes. 18 month limited warranty.

**10055** Complete Replacement Control for BouMatic-style Detacher. Wt. 1 lb.

## Pulsation Controllers



PCSB16



10067

**Top Quality  
Features at an  
Economy Price**

These Pulsation Controllers are the cost-effective way to run a string of pulsators. Featuring green running indicators and red line fault indicators, these well-made Controllers are independently adjustable for front and rear with ratios from 50:50 to 75:25 and rates from 50 to 75 beats per minute. The print modules (circuit boards) are fully short-circuit protected and fitted with 20 amp screw contacts to ensure against connector burn. Print module component carries an 18 month Limited Warranty.

**PCSB16** 16-unit Economy Pulsation Controller, 120 Volt. For Strangko & BouMatic. Wt. 25 lbs.

**PCSS12** 12-unit Economy Pulsator Controller, 120 Volt. For Surge pulsators. 25 lbs.

**10067** 6-unit Economy Pulsator Controller, 12 Volt. For Strangko 12 Volt pulsators. 2.25 lbs.

**EXE032693** Replacement Print Module for PCSB16 Controller.

**SU021492A** Replacement Print Module for PCSS12 Controller.

**10067B** Replacement Print Module for 10067.

## REPLACEMENT PULSATION CONTROLLER

### Print Modules

for Surge & BouMatic



SU021492A



BM043092A

**BouMatic-Style  
Print Modules**

**Surge-Style  
Print  
Modules**



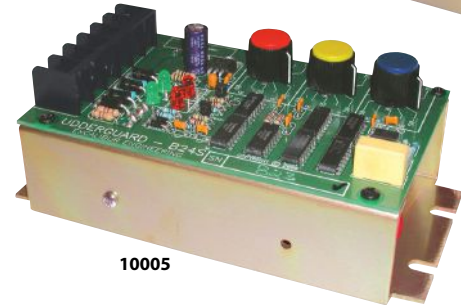
EX022393B



DIODE



TRANSFORMER



10005

### Diodes & Transformers

**EXP8695** 24 Volt Transformer for Surge 12-unit Controller. 10 Amp, 115V primary.

**EXMB352** Power Bridge Diode for Surge 12-unit Controller. Drop-in. 200V reverse voltage, 1/4" quick connect.

**EXMPI50** Power Bridge Diode for Surge 32-unit Controller. Drop-in. 200V reverse voltage, 1/4" quick connect.

**EXF2150** 48 Volt Center Tap Transformer for BouMatic 12-unit Controller. 10 Amp, 120V or 240V primaries.

Our Replacement Print Module for BouMatic 12-unit pulsation controller is better than the original: Simple direct setting of 11 speeds and 11 ratios, LED indicators of front and rear valve actuation, and LED indicator of short circuits.

Print Module has 20 amp screw contacts to ensure against connector burn and is fully short-circuit protected at 10 amps to run 12 stall barns with a healthy safety margin.

**BM043092A** Replacement Print Module for BouMatic 12-unit Controller. 18 Month Limited Warranty. Wt. 1 lb.

**10005** Replacement Print Module for BouMatic 24-unit Controller. Wt. 2 lbs. 18 Month Limited Warranty.

# Quarter Milkers



## Coburn® EasyPour Quarter Milker

- Features:**
- 2.5 gallon capacity
  - One handed pouring
  - Heavy-duty polyethylene construction
  - Low-profile design
  - Large opening for easy cleaning

Comes complete with lid, 3 ft. silicone hose, 3 ft. vacuum hose, and universal inflation adapter.

**4721000** EasyPour Quarter Milker complete, instructions included. Boxed with 4-color label. Wt. 5.25 lbs.



## Quarter Milker

- Features:**
- 2 gallon capacity
  - Built-in safety valve
  - Tip-proof design

**97QMA** Quarter Milker, complete. Wt. 4 lbs.  
**97QMK** Service Kit. Includes all parts except jug and handle.



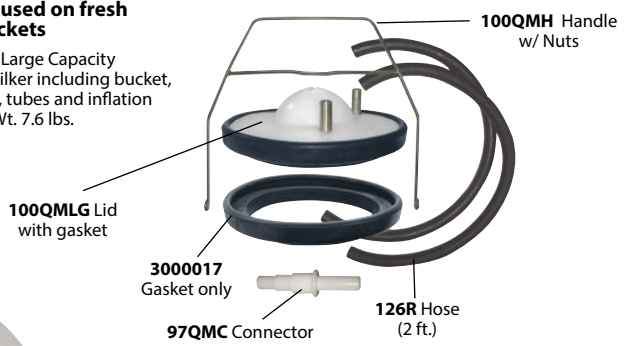
- 97QMR** Rubber Hose 3/8" X 20" (sold as each, two are required)  
**97QMH** Plastic handle  
**97QMB** Hi-capacity container  
**97QMC** Multi-fit connector  
**97QML** Lid with safety valve  
**97QMO** O-ring for lid  
**97QMV** Ball & cap for safety valve

**97QMK** Service Kit contains all parts except container and handle.

## Coburn® LARGE CAPACITY Quarter Milker

- Features:**
- 2.5 gallon capacity
  - Heavy-duty polyethylene construction
  - Multi-purpose lid, can also be used on fresh cow buckets

**100QMA** Large Capacity Quarter Milker including bucket, lid, gasket, tubes and inflation adapter. Wt. 7.6 lbs.



- 100QMLG** Lid with gasket  
**3000017** Gasket only  
**97QMC** Connector  
**100QMH** Handle w/ Nuts  
**126R** Hose (2 ft.)



## QMI™ Quarter Milker



- Features:**
- 2 gallon capacity
  - Locking lid
  - Silicone tubing

- 10-35000** 2 Gallon QMI Quarter Milker complete. Wt. 5.4 lbs.  
**10-35010** Bowl for QMI  
**10-35011** Lid for QMI  
**10-35300** Gasket for QMI  
**10-35510** Silicone Tubing to Inflation for QMI, 24"  
**10-35520** Silicone Tubing to Claw for QMI, 26"  
**10-35600** SS 90-Degree Connector Elbow for QMI



## Lid Gaskets

Dimensions given are ID, OD and thickness. Cross-section view shown, outside edge to the right.



**0/309** (6-1/2" X 7-1/2") for Westfalia Wt. approx. 3 oz.



**1040** (8-1/2" X 9-1/4" X 7/32") for McCormick Deering Large Top 13015C Milker.



**1043** (6-5/32" X 7-13/32" X 1/4") for Delaval Old Style 029 Milker, Anderson and Empire Milkers.



**1044** (6-3/4" X 7-7/8" X 5/16") for Universal Inside Flange 122 Milker.



**1047** (6-3/8" X 7-7/8" X 3/16") for Surge 10455A Milker, Perfection DE120-75A Regular, Sears 9830, Boumatic 8500604 Bucket and Chore-Boy S63A Suspended Milkers.



**140415** (6-5/8" X 8" X 9/32") for Boumatic 8515225 Bucket and Coburn lids 4008074, 4008075 & 4008082.



**58/1** (6-1/4" X 7-31/32" X 1/4") for Delaval New Style 06409 Milker, and Coburn lids 3100002, 4008043, 4008073 & 4008097 & 4008118. Replaces 1041 gasket.



**3000017** (6-1/4" X 9" X 1-3/8") for Polycarbonate fresh cow lid 140425, 140427, 140435, 4008096 & 4008114. Wt. 8 oz.



**3100052** (6-3/4" X 8" X 9/64") for 3100032, 3100033, 3100035 & 3100036.

## Surcingle & Rod



Surcingle consists of a heavy-duty strap with brass grommets and corrosion resistant triangle.

**848** Surcingle, 8 ft. long. 13 Brass grommets.

**10JSU2** Rod only for Surcingle. For suspended-type milkers. Wt. 1 lb.

## Poly Milking & Fresh Cow Buckets



**MP140**  
**MP120**  
**FRESH COW STYLE**  
**LOCKING LID STYLE APPROVED FOR GRADE A MILKING**

Extra high-density semi-transparent seamless polyethylene milk bucket has rounded shoulders and stronger reinforced bottom. Its economy and durability make it an ideal choice for fresh cows or hospital cows, and the locking handle option is approved for Grade A milking. Two handle styles are available, either locking stainless steel for Grade A milking or standard galvanized carrying handles. Milk level is easily seen on the permanent scale marked for pounds and kilograms in large molded-in numerals.

Bucket comes with solid storage lid. Order milking lids separately, using chart on facing page. Bucket rim diameter is 6-15/16" ID by 7-21/32" OD.

**MP120** Poly Fresh Cow Bucket with galvanized handles, solid storage lid included. 40 lbs. (19 ltr.) capacity. Wt. 9.25 lbs. We recommend Lid #140425 or Lid #4008096 shown opposite.

**MP140** Poly Fresh Cow Bucket with galvanized handles, solid storage lid included. 80 lbs. (38 ltr.) capacity. Wt. 15.5 lbs. We recommend Lid #140425 or Lid #4008096 shown opposite.

**MP120X** Poly Bucket with S.S. short locking handle (approved for Grade A) including solid storage lid. 40 lb. (19 ltr.) capacity. Wt. 9.25 lbs.

**MP140X** Poly Bucket with S.S. short locking handle (approved for Grade A) including solid storage lid. 80 lb. (38 ltr.) capacity. Wt. 15.5 lbs.

**120140MH** Replacement Locking S.S. Handle for MP120X or MP140X.

**MPXHP** Replacement Handle Side Plate for MP120X or MP140X. Order 2 for a set.

**MP200** Replacement Solid Storage Lid.

**MP300** Plated Handle Set w/Screws f/ Poly Bucket

**4000389** Check Ball Assembly. May be fitted beneath lid to prevent backflow into the milk line. Fits S.S. or plastic lids that have nipple extensions beneath the lid.



## Stainless Steel Milking Buckets



Our Milking Buckets are made of fully approved, high polish stainless steel. Rim diameter is 7-1/16" ID by 7-3/4" OD. Hand grip is attached to reinforced bottom rim. Larger size buckets include an additional handle at the top of the body for ease of carrying and pouring.

**140411** S.S. Bucket, 65# (30 liter). Wt. 12 lbs.

**140411D** S.S. Bucket, 65# (30 liter) with shorter handle for D/L style lids. Wt. 12 lbs.

**140408** S.S. Bucket, 80# (34 liter). Wt. 14 lbs.

**140408D** S.S. Bucket, 80# (34 liter) with shorter handle for D/L style lids. Wt. 14 lbs.

**140424L** Replacement long handle.

**140424S** Replacement short handle.

## Stainless Steel Milking Bucket



Highly polished Stainless Steel Milking Bucket features a specially designed reinforced bottom. Seven raised sections give stability to the resting base and provide a hand grip for emptying. Bucket is highly polished inside and out with an extra thickness of stainless steel at the bottom. Bucket comes with locking handle in long and short style. Top OD is 7-3/4" (195cm). Handle dimension from top of bucket to bottom of handle is 4-3/4" for the short handle and 5-3/4" for long.

**2609021** 65# (30 liter) Stainless Steel Bucket with long handle. Wt. 12 lbs.

**2609001** 50# (23 liter) Stainless Steel Bucket with long handle. Wt. 11 lbs.

**2609002** 50# (23 liter) Stainless Steel Bucket with short handle for DL-style Lids. Wt. 11 lbs.

**2600242** Replacement Long Handle.

**2600241** Replacement Short Handle.

## Eco-Bucket Poly Fresh Cow Bucket



New Eco-Bucket is made of semi-transparent, translucent FDA-approved material. It features smooth seamless molded interior and a reinforcement ring at the bottom for strength and ease of gripping. Eco-Bucket has a stainless steel locking handle, snap-on handle attachment (fits either side of bucket) and molded-in permanent scale marked in lbs. and kgs. Top OD is 7-3/4" (195cm).

**2619001** 65# (30 liter) Eco-Bucket with Locking Handle (short-style for DeLaval). Dimension from top of bucket to bottom of handle is 4-3/4" (120cm). Wt. 7 lbs.

**2619002** 65# (30 liter) Eco-Bucket with Locking Handle (long handle-style). Dimension from top of bucket to bottom of handle is 5-3/4" (145cm). Wt. 7 lbs.

**2619009** 50# (23 liter) Eco-Bucket with Locking Handle (short style for Delaval). Dimension from top of bucket to bottom of handle is 4-3/4" (120cm). Wt. 6.2 lbs.

**2619006** 50# (23 liter) Eco-Bucket with Locking Handle (long-style). Dimension from top of bucket to bottom of handle is 5-3/4" (145cm). Wt. 6.2 lbs.

**2600241** Repl. Short Handle

**2600242** Repl. Long Handle

**2610020** Repl. Snap-on Handle Bracket, each.

**2610005** Repl. Snap-on Reinforcing Bottom Ring.



# Bucket Lids

See Chart below for additional information

## Lid Gasket included

Coburn Milking Lids feature exceptional workmanship and highest quality materials. A variety of styles are available in fine polished stainless steel or impact-resistant, fully approved polycarbonate plastic. All Lids include Gasket. Knurled nuts are included if illustrated.

- 140435** Clear Plastic Lid, 5/8" nipples (3). 1.4 lbs.
- 140427** White Poly Fresh Cow Lid with 5/8" stainless steel nipples. 2 lbs.
- 140425** Clear Plastic Fresh Cow Lid. Fits buckets or 10 gal. cans, 5/8" nipples. 2 lbs.
- 3100032** Clear Plastic Fresh Cow Lid with two 3/4" nipples.
- 3100033** Clear Plastic Fresh Cow Lid with two 5/8" nipples.
- 3100035** Clear Plastic Fresh Cow Lid with three 5/8" nipples.
- 3100036** Clear Plastic Fresh Cow Lid with three 3/4" nipples.
- 4008096** S.S. Fresh Cow Lid, 5/8" nipples. 2 lbs.
- 4008114** S.S. Fresh Cow Lid, 3/4" nipples. 2 lbs.
- 4008073** S.S. Fresh Cow Lid with locking handle for D/L-style buckets, 5/8" nipples. 2 lbs.
- 4008074** S.S. Fresh Cow lid with locking handle (long-style). 2 lbs.
- 3100002** "Libero" Clear Plastic Lid with built-in Interpuls adapter, hook for claw and and snap-on handle attachment. 1 lb.
- 3100012** By-Pass Adapter to convert Libero Lid into a fresh cow milking lid. Order Lid and Adapter separately.
- 4008075** S.S. Westfalia-style lid with 5/8" nipples. 2 lbs.
- 4008082** S.S. D/L-style lid for long handled bucket. 2 lbs.
- 4008097** S.S. D/L-style Lid for HP100 pulsator. 2.5 lbs.
- 4008043** S.S. D/L-style Lid with two 9/16" nipples for HP100 pulsator. 2 lbs.
- 4008118** S.S. D/L-style Lid with two 5/8" nipples for HP100 pulsator. 2 lbs.

## MISC. LID PARTS

- 140418** Repl. Check Valve for 140414A Lid.
- 150-0002** Repl. ball for 4008075 lid.
- 150-0001** Repl. rubber plug for 4008075 lid.
- 3400028** Plastic Knurled Nut for 4008082 Lid.
- 3400030** Plastic Knurled Nut for 4008043, 4008118, & 4008097 Lids.
- 3400031** Stainless Steel Knurled Nut for 4008043, 4008118, & 4008097 Lids.
- 3400007** HP100 Adapter complete. Composed of:
  - 3400008** Check valve chamber.
  - 140428** Chamber gasket (also used with ITP adapter).
  - 140423** Check valve.
- 4000389** Check Ball Assembly. Fits on nipple extension beneath lid to prevent backflow into the milk line. Recommended for fresh cow lids. Does NOT fit 140427, 3100032, 3100033, 3100035 or 3100036. Includes ball, cage and adjustable clamp.
- 3100079** Check Valve for Clear Plastic Fresh Cow Lid. Fits underneath lid to prevent backflow into the milk line. Fits only 3100032, 3100033, 3100035 and 3100036 lids. Check valve can be used with EcoMilkers. Lid and gasket are not included.



## Coburn Milking Lid Specifications

Milking Lid	Dimensions	Inlet Nipples	Lid Gasket	Fits Coburn Buckets	Interpuls Adapter
140425	Fits buckets with 6-3/4" - 8" ID	5/8" ID	3000017	All Coburn Poly & S.S. Buckets	N/A
140427	Fits buckets with 6-3/4" - 8" ID	5/8" ID	3000017	All Coburn Poly & S.S. Buckets	N/A
140435	Fits buckets with 6-3/4" - 8" ID	5/8" ID (3)	3000017	All Coburn Poly & S.S. Buckets	N/A
3100002	Rim 8" ID, fits Ht. 5.7" (145mm)	5/8" ID	58/1	140411/08, MP120/140, 2609001, 2619002	Built-in
3100032	Rim 8" ID, no handle	3/4" ID (2)	3100052	All Coburn Poly & S.S. Buckets	N/A
3100033	Rim 8" ID, no handle	5/8" ID (2)	3100052	All Coburn Poly & S.S. Buckets	N/A
3100035	Rim 8" ID, no handle	5/8" ID (3)	3100052	All Coburn Poly & S.S. Buckets	N/A
3100036	Rim 8" ID, no handle	3/4" ID (3)	3100052	All Coburn Poly & S.S. Buckets	N/A
4008043	Rim 7-7/8" ID, fits Ht. 4.7" (120mm)	9/16" ID (2)	58/1	Poly and S.S. buckets with short locking handle	2809010
4008073	Rim 7-7/8" ID, fits Ht. 4.7" (120mm)	5/8" ID (2)	58/1	Poly and S.S. buckets with short locking handle	N/A
4008074	Rim 7-7/8" ID, fits Ht. 5.7" (145mm)	5/8" ID (2)	140415	140411, 140408, 2609001, 2619002	N/A
4008075	Rim 7-7/8" ID, fits Ht. 5.7" (145mm)	5/8" ID	140415	140411, 140408, 2609001, 2619002	2809032
4008082	Rim 7-7/8" ID, fits Ht. 5.7" (145mm)	5/8" ID	140415	140411, 140408, 2609001, 2619002	2809010
4008096	Rim 7-7/8" ID, no handle	5/8" ID (2)	3000017	All Coburn Poly & S.S. Buckets	N/A
4008097	Rim 7-7/8" ID, fits Ht. 4.7" (120mm)	5/8" ID	58/1	Poly and S.S. buckets with short locking handle	2809010
4008114	Rim 7-7/8" ID, no handle	3/4" ID (2)	3000017	All Coburn Poly & S.S. Buckets	N/A
4008118	Rim 7-7/8" ID, fits Ht. 4.7" (120mm)	5/8" ID (2)	58/1	Poly and S.S. buckets with short locking handle	2809010

# Coburn® PortaMilkers

## FEATURING

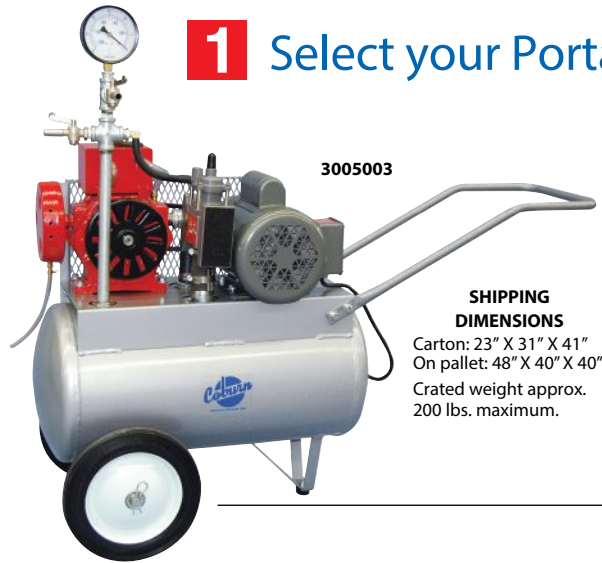
- 1HP Leeson CSA-Approved Energy-Efficient Electric Motor 115/208-230VAC
- 6.5HP Briggs & Stratton Intek Overhead Valve Gasoline Engine



BASE UNITS, BUCKETS & CLUSTERS SOLD SEPARATELY  
ORDERING IS AS EASY AS **1 - 2 - 3**

- 1** Select PortaMilker model from the options below.
- 2** Select Milking Bucket Assembly shown on opposite page.
- 3** Select appropriate Milking Cluster shown on opposite page.

## 1 Select your PortaMilker Model



3005003

**SHIPPING DIMENSIONS**  
Carton: 23" X 31" X 41"  
On pallet: 48" X 40" X 40"  
Crated weight approx. 200 lbs. maximum.

## Original PortaMilker

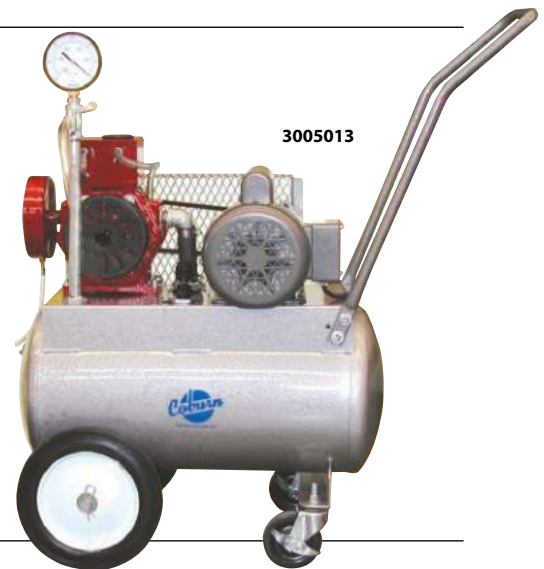
- Lubricated Conde Vacuum Pump • Steel Vacuum Tank
- Spring-Loaded Vacuum Regulator • Vacuum Cock, Vacuum Gauge
- Large, non-corrosive hard rubber 10" tires
- Will accept 1 or 2 Bucket Milkers (sold separately)

- 3005002 PortaMilker with 6.5HP Gasoline Engine for one bucket.
- 3005003 PortaMilker with 1HP Electric Motor for one bucket.
- 3005322 PortaMilker with 6.5HP Gasoline Engine for two buckets.
- 3005323 PortaMilker with 1HP Electric Motor for two buckets.

## PortaMilker II

- Lubricated Conde Vacuum Pump
- Steel Vacuum Tank
- Spring-Loaded Vacuum Regulator
- Vacuum Cock, Vacuum Gauge
- Two large, non-corrosive hard rubber 10" tires rear, two wheels at front for excellent maneuverability
- Will accept 1 or 2 Bucket Milkers (sold separately)

- 3005012 PortaMilker II with 6.5HP Gasoline Engine for one bucket.
- 3005013 PortaMilker II with 1HP Electric Motor for one bucket.
- 3005332 PortaMilker II with 6.5HP Gasoline Engine for two buckets.
- 3005333 PortaMilker II with 1HP Electric Motor for two buckets.



3005013

**SHIPPING DIMENSIONS**  
Carton: 23" X 31" X 43"  
On pallet: 48" X 40" X 40"  
Crated weight approx. 200 lbs. maximum.

## Mini PortaMilker



3005053

- 3/4 HP Motor, 115/230 VAC, 50/60 Hz.
- 10 CFM Oil Free Pump
- Ideal vacuum source for single bucket milker
- Compact design is easy to transport and ideal for travel to shows
- Pump is direct mounted on robust dual purpose moisture trap/vacuum reserve tank
- Will accept 1 Bucket Milker (sold separately)

3005053 Mini PortaMilker Base Kit with 3/4 HP Electric Motor, 115/230 VAC. CSA approved.

**SHIPPING DIMENSIONS**  
Carton 1: 22" X 14" X 15" Wt. 57 lbs.  
Carton 2: 18" X 13" X 10" Wt. 24 lbs.



**2**

# Bucket/Lid Assemblies

## BUCKET / LID ASSEMBLIES FOR COWS



## BUCKET / LID ASSEMBLIES FOR GOATS / SHEEP

3005102

3005111



Top quality, field-proven components have been selected for our Milking Bucket and Lid Assemblies. Each assembly includes Locking Lid, L80 Interpuls Pulsator, Interpuls adapter and 8 ft. of vacuum hose, ready to connect to the Coburn portable milker of your choice or other vacuum source. Stainless Steel Buckets are Grade A-approved, highly polished, with reinforced bottom. Also available is the high-density semi-transparent seamless Polyethylene Bucket. Milking Cluster sold separately.

- 3005113** 65# (30 liter) Stainless Steel Bucket & Lid Assembly. Wt. 18 lbs.
- 3005114** 65# (30 liter) Stainless Steel Bucket & Lid Assy. includes Lid with two nipples for milking two animals. Order two Milking Clusters separately. Wt. 18 lbs.
- 3005115** 80# (34 liter) Stainless Steel Bucket & Lid Assy. includes Lid with two nipples for milking two animals. Order two Milking Clusters separately. Wt. 20 lbs.
- 3005122** 80# (34 liter) Stainless Steel Bucket & Lid Assembly. Wt. 20 lbs.
- 3005103** 40# (19 liter) Polyethylene Bucket & Lid Assembly. Wt. 16 lbs.
- 3005121** 80# (34 liter) Polyethylene Bucket & Lid Assembly. Wt. 22 lbs.

Coburn Bucket & Lid Assemblies include your choice of either Stainless Steel or Extra High-Density Polyethylene Milking Bucket, Locking Lid, L80 Interpuls Pulsator (50:50 ratio), Interpuls adapter and 8 ft. of vacuum hose.

- 3005111** 65# (30 liter) S.S. Bucket & Lid Assy. for one animal. Wt. 18 lbs.
- 3005112** 65# (30 liter) S.S. Bucket & Lid Assy. for two animals. Wt. 18 lbs.
- 3005101** 40# (19 liter) Poly Bucket & Lid Assy. for one animal. Wt. 16 lbs.
- 3005102** 40# (19 liter) Poly Bucket & Lid Assy. for two animals. Wt. 16 lbs.

**3**

# Milking Clusters

## MILKING CLUSTER FOR COWS

Milking Cluster includes Interpuls' 240cc Orbiter Claw, 06 shells, inflations, milk hose, air tubes and splitters.

**3005205** Milking Cluster Assembly for one cow. Wt. 10 lbs.



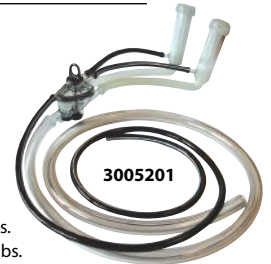
3005205

If milking two animals, order two Milking Clusters.

## MILKING CLUSTERS FOR GOATS / SHEEP

Milking Cluster includes ITP205 or Vanguard Claw, silicone inflations, clear shells, milk hose, air tubes, clips, brackets and splitters.

- 3005203** ITP205 Milking Cluster for one goat. Wt. 8 lbs.
- 3005204** ITP205 Milking Cluster for one sheep. Wt. 8 lbs.
- 3005201** Vanguard Milking Cluster for one goat. Wt. 9 lbs.
- 3005202** Vanguard Milking Cluster for one sheep. Wt. 9 lbs.



3005201

If milking two animals, order two Milking Clusters.



- 30 Liter (65 lb.) Eco-Bucket & Clear Lid
- L02 Pulsator, Vacuum Gauge & Regulator
- Milk & Vacuum Tubing
- 110VAC 60hz Motor, .55 kw, 3/4 HP

**3005033** EcoMilker Portable with one Bucket. Wt. 120 lbs  
**3005035** EcoMilker Portable with two Buckets. Wt. 160 lbs  
**Order milking assemblies separately.**

**3005208** Milking Assembly for one cow including Orbiter Claw, air tubes, shells, and inflations (shown).

**20590015S** Milking Assembly for one sheep including ITP205 Clawpieces, tubes, shells and silicone inflations (shown on page 24 & 25).

**2059001GS** Milking Assembly for one goat including ITP205 Clawpieces, tubes, shells and silicone inflations (shown on page 24).



3005033



3005208



3005035

**CRATE DIMENSION:**  
 Approx. 32" X 48" X 39"



# KenAG Milk Filters



25 Cases or more of KenAG Filters, prepaid freight East of Rocky Mountains.

Small Non-gauze Disk Filters for gravity filtration. 300 filters per box.

- D104** 2-1/4" Disk filters. Case of 10 boxes, 2 lbs.
- Non-gauze Disk Filters for gravity filtration. 100 filters per box.
- D110** 6-1/2" Disk filters. Case of 36 boxes, 18 lbs.
- D111** 6-1/2" Disk filters. Case of 15 boxes, 7.5 lbs.
- D115** 8" Disk filters. Case of 24 boxes, 20 lbs.
- D532** 15" Disk filters. Case of 10 boxes, 27 lbs.
- Prefilter (defoaming) Sock. 100 filters per box.
- D570** 3-1/2 X 14" Sock. Case of 12 boxes, 21 lbs.

Ultraflow Filters for moderate to high pressure. 100 filters per box.

- D522** 3-1/4 X 22" Tube. Case of 10, 30 lbs.
- D584** 2-1/4 X 12" Sock. Case of 12, 15 lbs.
- D588** 2 X 24" Sock. Case of 6, 13 lbs.
- D589** 2-1/4 X 24" Sock. Case of 6, 14 lbs.
- D590** 2-1/2 X 24" Sock. Case of 6, 16 lbs.
- D591** 2-3/4 X 23 1/2" Sock. Case of 6, 17 lbs.

Sock Filters for extremely low pressure or vacuum pipeline systems. 100 filters per box.

- D550** 2-1/4 X 51/2" Sock filters. Case of 12, 7 lbs.
- D567** 2-1/4 X 12" Sock filters. Case of 12, 14 lbs.
- D568** 2-1/4 X 24" Sock filters. Case of 12, 26 lbs.

Break-Proof Tubes for moderate to high pressure filtration.

- D534** 6" X 26" Tube for Dairymaster, box of 50. Case of 10 boxes, 31 lbs.
- D538** 4-7/8 X 331/2" Tube, box of 50. Case of 9 boxes, 29 lbs.
- D539** 4-7/8 X 36" Tube, box of 50. Case of 9 boxes, 31 lbs.
- D547** 4-7/8 X 17" Tube, box of 50. Case of 10 boxes, 18 lbs.

Break-Proof Socks for moderate to high pressure filtration.

- D546** 4-7/8 X 17" Sock, box of 50. Case of 10 boxes, 18 lbs.
- D548** 4-7/8 X 331/2" Sock, box of 50. Case of 9 boxes, 29 lbs.
- D572** 3 X 23-3/8" Sock, box of 100. Case of 6 boxes, 18 lbs.
- D576** 2 X 24" Sock, box of 100. Case of 6 boxes, 13 lbs.
- D579** 2-1/4 X 12" Sock, box of 100. Case of 12 boxes, 16 lbs.
- D577** 2-1/4 X 24" Sock, box of 100. Case of 6 boxes, 14 lbs.

Specialized filters for pressure filtration. 100 filters per box.

- D506** 4-9/16" Disk filters. Case of 36 boxes, 13 lbs.
- D521** 6-1/2" Square filters. Case of 36 boxes, 20 lbs.
- Filter Roll Material for Western filter holders.
- D610** 18" X 200' filter roll. Case of 6 rolls, 42 lbs.
- D666** 12 X 15" filter strips, 100/box. Case of 10 bxs., 28 lbs.



## Stainless Steel Filters

This all stainless steel in-line Filter for 1.5" pipeline features large chamber for more efficient filtration and less back pressure against the pump. No need to disassemble pipes to change filter. Type 304 stainless steel housing, spring-type in-line filter and stainless steel filter head—no plastic! Includes filter head, filter spring, O-ring and one sock.



- MP2847A** Complete In-Line Filter with 2" body. Wt. 5 lbs. (Use 4185-06-37, or D577 sock, 2-1/4" x 24"). PARTS for 2" filter:
- MP2847A8** Repl. S.S. Filter Spring.
- MP2847A16** O-Ring
- MP2847A4** S.S. Filter Head
- MP2847A2** S.S. Housing Assembly.
- 40MPF-UW20** Gasket for 2" line.
- MP2847B** Complete In-Line Filter with 2.5" body. Wt. 7 lbs. (Use 4175-06-30 or D572 sock, 3" x 23-1/2"). PARTS for 2.5" filter:
- MP2847B8** S.S. Filter Spring.
- MP2847B16** O-Ring.
- MP2847B4** S.S. Filter Head.
- MP2847B2** S.S. Housing Assembly.
- 40MPF-UW25** Gasket for 2.5" line.

## Rubber Retainer Cap



8-14 Rubber Retainer Cap for in-line filters. 7/8" ID.



## Stainless Steel Side Discharge Filters

### 1 1/2" and 2" Filters



33" Filter shown. Also available in 17" length.



### Closed End

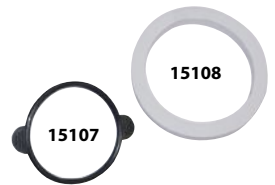
Closed End Side Discharge Filter is used with sock filters rather than tubes, which has several advantages. "Blow-by" is eliminated even with large pump systems. Sediment leakage is reduced and installation of new filters is easier. Filters come complete with S.S. body, insert, clamp, O-ring, tab, and gasket.

- M151001** Closed End S.S. Filter, complete, 4-7/8" x 17" long for 1.5". (Use 4197-06-66-9 or D546 filter sock.) Wt. 15 lbs.
- M151003** Closed End S.S. Filters, complete, 4-7/8" x 17" for 2". (Use 4197-06-66-9 or D546 filter sock.) Wt. 15 lbs.
- M10176** Closed End S.S. Filter, complete, 4-7/8" x 33" long for 1.5". (Use 4192-06-66 or D548 filter sock.) Wt. 21 lbs.
- M10177** Closed End S.S. Filters, complete, 4-7/8" x 33" for 2". (Use 4192-06-66 or D548 filter sock.) Wt. 21 lbs.

### Open End

Open End Side Discharge Filter comes complete with Stainless Steel body, perforated S.S. insert, 4" heavy duty clamp, O-ring, tab, rubber plug & gasket.

- M151000** S.S. Filter complete, 4-7/8" x 17" long for 1.5". (Use 4196-06-66 or D547 filter tube.) Wt. 15 lbs.
- M151002** S.S. Filter complete, 4-7/8" x 17" long for 2". (Use 4196-06-66 or D547 filter tube.) Wt. 15 lbs.
- M152000** S.S. Filter complete, 4-7/8" x 33" long for 1.5". (Use 4643-06-66 or D538 filter tube.) Wt. 21 lbs.
- M152002** S.S. Filter complete, 4-7/8" x 33" long for 2". (Use 4643-06-66 or D538 filter tube.) Wt. 21 lbs.



### • PARTS •

- M10179** S.S. Open End Insert only for 33" filter (order plug separately.)
- M10178** S.S. Closed End Insert only for 33" filter.
- M10181** S.S. Closed End Insert only for 17" filter.
- M10180** S.S. Open End Insert only for 17" filter (order plug separately.)
- 15105** Replacement Rubber Plug.
- 15107** Replacement Tabbed O-Ring.
- 15108** Replacement White Seal.
- M10175** Gasket Kit for closed end style filter. Contains two 15107, one 15108 and one 9026.



# Milk Filters



## FILTER DISKS

Designed strictly for gravity application with emphasis on speed and capacity. Random fiber distribution provides uniform microscopic sediment traps. Isotropic construction eliminates thin parts and weak spots. "Filter Clean" disks have an additional layer of thickness.

- 4103-14-45-18** 6-1/2" Standard Filter Clean non-gauze disks, 100 per box. Case of 18 weighs 14 lbs.
- 4103-14-45-36** 6-1/2" Standard Filter Clean non-gauze disks, 100 per box. Case of 36 boxes. Wt. 28 lbs.
- 4198-06-49-18** 4-9/16" In-Line Tuffy disks for Surge, Chore-Boy, Jamesway, 200 per box. Case of 18 boxes. Wt. 16 lbs.
- 4717-14-30-5** 9-1/2" Standard Filter Clean non-gauze disks, 100 per bag. Case of 5 bags. Wt. 12 lbs.
- 4115-14-35-10** 12 1/2" Filter disks, 100 per box. Case of 10 boxes.
- 4121-14-35-10** 15" Filter Clean disk used on milk transfer systems such as Surge, Universal, Rath, Weco, Sunset, Jamesway, Dari-Kool, Schlueter, Kesco, Top-Line and others, 100 per box. Case of 10 boxes. Wt. 36 lbs..

**Tuffy Filter Media is a multi-purpose non-woven material designed to have the strength, speed and capacity to function efficiently in vacuum, gravity and low or high pressure pipeline installations.**

## TUFFY TUBES & SOCKS

- 4643-06-66-9** 4-7/8" X 33-1/2" Tuffy Tubes for Bou-Matic, DeLaval, Schlueter. 50 tubes per box. Case 9 bxs. 38 lbs.
- 4605-06-66-9** 4-7/8" X 36" Tuffy Tubes for Surge 3" line. 50 tubes per box. Case of 9 boxes. Wt. 41 lbs.
- 4196-06-66-9** 4-7/8" X 17" Tuffy Tubes for Schlueter and DeLaval. 50 tubes per box. Case of 9 boxes. Wt. 21 lbs.
- 4197-06-66-9** 4-7/8" X 17" Tuffy Socks. 50 socks per box. Case of 9 boxes. Wt. 28 lbs.
- 4603-15-30-5** 3-5/16" X 2-21/4" Tuffy Sleeves for Surge 2" pressure filter. 100 per box. Case of 5 boxes. Wt. 17 lbs.
- 4142-06-38-8** Sock for Perfect Fit Filter, 24" long. 100 socks per box. Case of 8 boxes. Wt. 20 lbs.
- 4153-15-36-12** 2-1/4" X 12" Tuffy Socks for Perfection, Top-Line, Universal, Plymouth, Kesco. 100 per box. Case of 12 boxes. Wt. 16 lbs.
- 4174-06-30-5** 2-3/4" X 23-1/2" Tuffy Socks for Surge 2" pipeline. 100 per box. Case of 5 boxes. Wt. 19 lbs.
- 4175-06-30-5** 3" X 23-1/2" Tuffy Socks for Surge. 100 per box. Case of 5 boxes. Wt. 19 lbs.
- 4179-06-37-6** 2" X 24" Tuffy Socks for Delaval and Surge. 100 per box. Case of 6 boxes. Wt. 17 lbs.
- 4185-06-37-6** 2-1/4" X 24" Tuffy Socks for DeLaval, Surge, Universal, Chore-Boy, Bou-matic, Conde, Plymouth, Perfection, Schlueter. 100 per box. Case 6 bxs. 18 lbs.
- 4190-06-66-9** 4-7/8" X 28" Tuffy Socks. 50 per box. Case of 9 boxes. Wt. 30 lbs.
- 4192-06-66-9** 4-7/8" X 33-1/2" Tuffy Socks for Closed End Side Discharge Filter. 50 per box. Case of 9 boxes, wt. 38 lbs.
- 4199-06-35-10** 2-1/4" X 6" Tuffy Socks for Universal, Perfection and Marlowe. 100 per box. Case 10 bxs. wt. 8 lbs.
- 4225-06-66-9** 3-1/4" X 14" Tuffy Defoamer Sock. 50 socks per box. Case of 9 boxes, wt. 10 lbs.

## FLANNEL SOCK

- 4231-80-66-9** 3-1/4" X 12" Flannel Sock, 50 per box. Cs. of 9, 10 lbs.
- 4275-80-66-9** 4-1/4" X 14" Flannel Sock, 50 per box. Cs. of 9, 15 lbs.

## FILTER ROLL

- 5224-07-01-6** 12" X 200' Western Full-Flow Filter Roll. One roll per box. Case of 6 boxes. Wt. 42 lbs.

# Tuffy Perfect fit

**COIL & RETAINER FILTER**



Perfect Fit is a new approach to milk filtration. Schwartz has sized the sock and the coil perfectly to make a snug fit, thus eliminating the problem of loose filter media which can lead to breakage and lack of uniform filtration.

The long-lasting plastic Tri-clamp style retainer features a slight lip on the inside diameter to insure proper and secure placement against the stainless steel coil. Order Perfect Fit Socks separately. (2-1/4" socks are not recommended.)

**4801-0072** Perfect Fit In-Line Filter complete for 1.5". Tri-clamp style, 24" long.

**4804-0072** Plastic Retainer only, Tri-Clamp style.

**4142-06-38-8** Sock for Perfect Fit Filter, 24" long. 100 socks per box. 8 boxes per case weighing 20 lbs.

# Milk Filter Dispensers



1500GM-SS

1700GM-SS

2400GM-SS

## 24 Gauge Stainless Steel

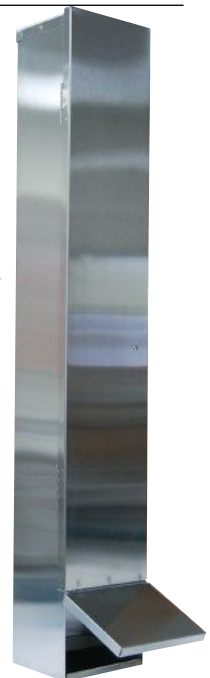


225R-SS



225RS

**4521S FOR UP TO 36" MILK FILTERS**



## 22 Gauge Polished Stainless Steel

- 1500GM-SS** Front Loading Dispenser for 12" and 15" Filter Pads. Wt. 5 lbs.
- 225R-SS** Vertical Sock Dispenser with top cover and hinged door for 3" wide socks up to 24" long. Wt. 7 lbs.
- 1700GM-SS** Vertical Sock Dispenser with top cover and hinged door for DeLaval 4-7/8" X 17" socks. Wt. 8 lbs.
- 2400GM-SS** Horizontal Sock Dispenser with top cover and hinged door for 2-1/4" by 24" socks. Wt. 7 lbs.

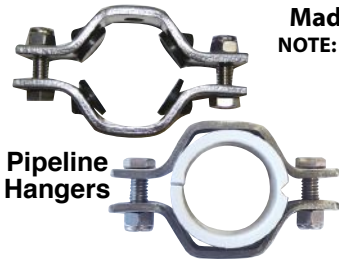
**225RS** Vertical Filter Dispenser with top cover and hinged door for 3" wide X 24" long socks. Front cover is hinged for easy loading with full piano hinged dispenser door. Wt. 7 lbs.

**4521S** Large Vertical Filter Dispenser for 4-7/8" X 17", 4-7/8" X 3-31/2" or 4-7/8" X 36" filter socks. Front cover is hinged for easy loading, with full piano hinged dispenser door. Wt. 9 lbs.



# Stainless Steel Connectors

Made of Type 304 Stainless Steel, unless noted, with #4 Dairy Finish  
 NOTE: Nominal wall thickness is .065" for connectors of 1.5", 2", 2.5" and 3" diameters.  
 4" Connectors have nominal wall thickness of .083".  
 6" Connectors are available upon request. Call for quotation.



**Pipeline Hangers**

Stainless Steel Hanger comes with rubber grommets or PVC sleeve.  
 OD With grommets With sleeve Repl. Sleeve  
 1" CC94CR-10 CC94CP-10 CC94PVC-10  
 1.5" CC94CR-15 CC94CP-15 CC94PVC-15  
 2" CC94CR-20 CC94CP-20 CC94PVC-20  
 2.5" CC94CR-25 CC94CP-25 CC94PVC-25  
 3" CC94CR-30 CC94CP-30 CC94PVC-30  
 4" CC94CR-40 CC94CP-40 CC94PVC-40  
 CC94G Repl. Grommet, each

**Hinged Toggle Clamp**

with adjustable handle



Stock No.	Tube OD	Nom. Dia.
CC13C-15	1.5"	2.050"
CC13C-20	2.0"	2.582"
CC13C-25	2.5"	3.113"
CC13C-30	3.0"	3.465"
CC13C-40	4.0"	4.748"

**V-Insert Clamp**

with adjustable handle



Stock No.	Tube OD	Nom. Dia.
CC13F-15	1.5"	2.050"
CC13F-20	2.0"	2.582"
CC13F-25	2.5"	3.113"
CC13F-30	3.0"	3.465"
CC13F-40	4.0"	4.850"

**Heavy Duty Clamp**



Stock No.	Tube OD	Nom. Diam.
CC13HC-15	1.5"	2.078"
CC13HC-20	2"	2.618"
CC13HC-25	2.5"	3.150"
CC13HC-30	3"	3.715"
CC13HC-40	4"	4.820"
CC13HC-WN	Repl. Wing Nut	

**Roll-on Ferrule**

for bevel seat



Stock No.	Tube OD	A
CCB15R-15	1.5"	1.125"
CCB15R-20	2"	1.375"
CCB15R-25	2.5"	1.5"
CCB15R-30	3"	1.625"
CCB15R-40	4"	1.625"

**Plain Roll-on Ferrule**

standard clamp



Stock No.	Tube OD	L
CC14R-10	1"	.75"
CC14R-15	1.5"	1.125"
CC14R-20	2"	1.187"
CC14R-25	2.5"	1.375"
CC14R-30	3"	1.437"
CC14R-40	4"	1.5"

**Long Butt Weld Ferrule**



Stock No.	Tube OD	A
CC14A-10	1"	1.125"
CC14A-15	1.5"	1.125"
CC14A-20	2"	1.125"
CC14A-25	2.5"	1.125"
CC14A-30	3"	1.125"
CC14A-40	4"	1.125"

**Roll-on Ferrule for bevel seat**



Stock No.	Tube OD	A
CCB14R-15	1.5"	1.125"
CCB14R-20	2"	1.312"
CCB14R-25	2.5"	1.375"
CCB14R-30	3"	1.437"
CCB14R-40	4"	1.5"

**Surge-Style Roll-On Ferrule**



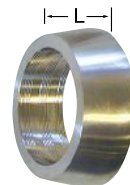
Stock No.	Tube OD
CC14RS-15	1.5"
CC14RS-20	2"

**Concentric Reducing Roll-On Ferrule**



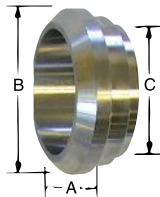
Stock No.	Tube OD	L
CC31R-20-15	2" x 1.5"	1.125"
CC31R-30-20	3" x 2"	1.312"

**Glass to Stainless Roll-on Ferrule with gasket groove**



Stock No.	Tube OD	L
CC14GG-15	1.5"	.75"
CC14GG-20	2"	.75"

**Bevel Seat Ferrule butt weld**



Stock No.	Tube OD	A	B	C
CCB14PRF-15	1.5"	2.094"	1.844"	1.359"
CCB14PRF-20	2"	2.094"	2.375"	1.859"
CCB14PRF-25	2.5"	2.219"	2.906"	2.359"
CCB14PRF-30	3"	2.281"	3.437"	2.859"

**Short Weld Ferrule**

standard clamp / butt weld



Stock No.	Tube OD	L	B
CC14SW-15	1.5"	.5"	1.375"
CC14SW-20	2"	.5"	1.870"
CC14SW-25	2.5"	.5"	2.370"
CC14SW-30	3"	.5"	2.834"
CC14SW-40	4"	.625"	4"

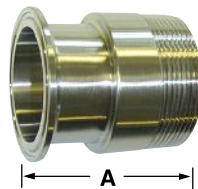
**Short Weld Ferrule one end threaded, other end butt weld**



Stock No.	Tube OD	A
CC15TS-15	1.5"	.720"
CC15TS-20	2"	.752"
CC15TS-25	2.5"	.878"
CC15TS-30	3"	.909"

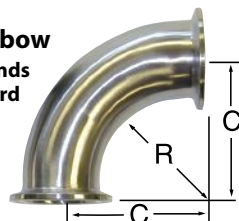
**Adapter**

standard clamp to thread



Stock No.	Tube OD	A
CC21-2020	2"	2.656"
CC21-3030	3"	3.5"

**90° Elbow both ends standard clamp**



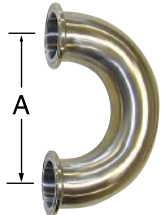
Stock No.	Tube OD	C	R
CC2C-10	1"	2"	1.5"
CC2C-15	1.5"	2.75"	2.25"
CC2C-20	2"	3.5"	3"
CC2C-25	2.5"	4.25"	3.75"
CC2C-30	3"	5"	4.5"
CC2C-40	4"	6.625"	6"

**45° Elbow both ends standard clamp**



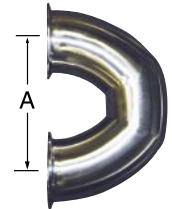
Stock No.	Tube OD	C
CC2K-15	1.5"	1.437"
CC2K-20	2"	1.75"
CC2K-25	2.5"	2.062"
CC2K-30	3"	2.375"
CC2K-40	4"	3.125"

**U-Bend 180° both ends standard clamp**



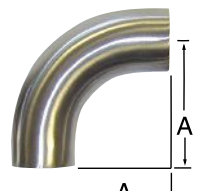
Stock No.	Tube OD	A
CC2WUC-15	1.5"	4.5"
CC2WUC-20	2"	6"
CC2WUC-25	2.5"	7.5"
CC2WUC-30	3"	9"

**Mitered U-Bend 180° both ends standard clamp**



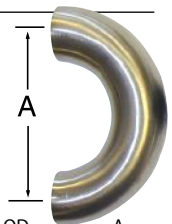
Stock No.	Tube OD	A
CC2MUC-30	3"	6"

**90° Tube Bend both ends butt weld**



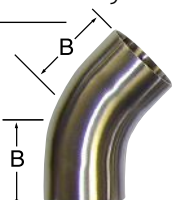
Stock No.	Tube OD	A
CC2S-10	1"	2.062"
CC2S-15	1.5"	2.937"
CC2S-20	2.0	4.062"
CC2S-25	2.5"	5.087"
CC2S-30	3"	6.312"
CC2S-40	4"	8.312"

**180° U-Bend both ends butt weld**



Stock No.	Tube OD	A
CC2UW-15	1.5"	4.5"
CC2UW-20	2"	6"
CC2UW-25	2.5"	7.5"
CC2UW-30	3"	9"

**45° Tube Bend both ends butt weld**



Stock No.	Tube OD	B
CC2KS-10	1"	1.187"
CC2KS-15	1.5"	1.625"
CC2KS-20	2"	2.312"
CC2KS-25	2.5"	3"
CC2KS-30	3"	3"
CC2KS-40	4"	4.812"

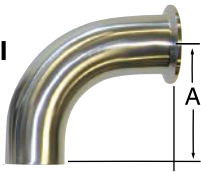
# Stainless Steel Connectors

Made of Type 304 Stainless Steel with #4 Dairy Finish

NOTE: Nominal wall thickness is .065" for connectors of 1.5", 2", 2.5" and 3" diameters.

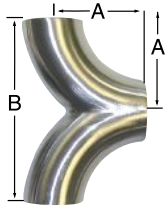
4" Connectors have nominal wall thickness of .083".  
6" Connectors are available upon request. Call for quotation.

**90° Sweep Ell**  
one end standard clamp, other end butt weld



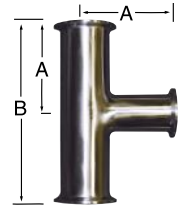
Stock No.	Tube OD	A	B
CC2CW-15	1.5"	2.937"	3.437"
CC2CW-20	2"	4.062"	4.562"
CC2CW-25	2.5"	5.187"	5.687"
CC2CW-30	3"	6.312"	6.812"
CC2CW-40	4"	8.312"	8.937"

**Special "Y"**  
all ends butt weld

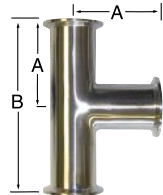


Stock No.	Tube OD	A	B
CC2YW-15	1.5"	2.75"	5.5"
CC2YW-20	2"	3.5"	7"
CC2YW-25	2.5"	4.25"	8.5"
CC2YW-30	3"	5"	10"

**Reducing Tee**  
2" to 1.5"  
standard clamp



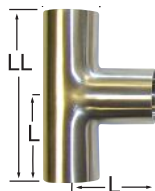
Stock No.	Tube OD	A	B
CC7-2020-15	2"-1.5"	3.5"	7"



**Tee**  
all ends standard clamp

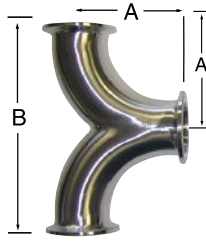
Stock No.	Tube OD	A	B
CC7-10	1"	2.375"	4.75"
CC7-15	1.5"	2.75"	5.5"
CC7-20	2"	3.5"	7"
CC7-25	2.5"	3.5"	7"
CC7-30	3"	3.75"	7.5"
CC7-40	4"	4.5"	9"

**Tee**  
all ends butt weld



Stock No.	Tube OD	L	LL
CC7W-15	1.5"	2.25"	4.25"
CC7W-20	2"	3"	6"
CC7W-25	2.5"	3"	6"
CC7W-30	3"	3.25"	6.5"
CC7W-40	4"	3.875"	7.75"

**Special "Y"**  
all ends standard clamp



Stock No.	Tube OD	A	B
CC2YC-15	1.5"	2.75"	5.5"
CC2YC-20	2"	3.5"	7"
CC2YC-25	2.5"	4.25"	8.5"
CC2YC-30	3"	5"	10"

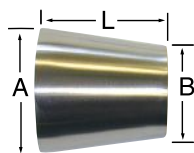
**Concentric Reducer**

both ends standard clamp



Stock No.	Tube OD	L
CC31CC-15-10	1.5" x 1"	3"
CC31CC-20-15	2" x 1.5"	3"
CC31CC-25-20	2.5" x 2"	3"
CC31CC-30-20	3" x 2"	5"
CC31CC-30-25	3" x 2.5"	3"
CC31CC-40-20	4" x 2"	9.125"
CC31CC-40-25	4" x 2.5"	7.125"
CC31CC-40-30	4" x 3"	5.125"

**Concentric Reducer**  
both ends butt weld



Stock No.	OD (A)	OD (B)	L
CC31-20-15	2"	1.5"	2"
CC31-25-20	2.5"	2"	2"
CC31-30-20	3"	2"	4"
CC31-30-25	3"	2.5"	2"
CC31-40-15	4"	1.5"	10"
CC31-40-20	4"	2"	8"
CC31-40-25	4"	2.5"	6"
CC31-40-30	4"	3"	4"

**Eccentric Reducer**  
for 1.5"  
standard clamp

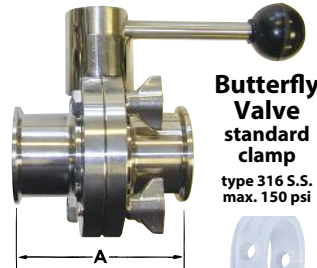


Stock No.	OD (A)	OD (B)	L
CC31EC-15-10	1.5"	1"	3"

**Ball Check Valve**



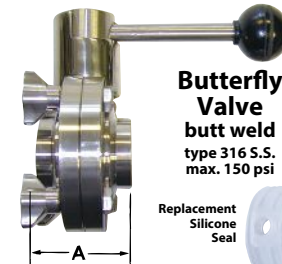
175-0020	Ball Check Valve for 1.5"
175-0021	Replacement U-Clip for 1.5"
175-0022	Replacement Ball for 1.5"
175-0023	Ball Check Valve for 2"
175-0024	Replacement U-Clip for 2"
175-0025	Replacement Ball for 2"



**Butterfly Valve**  
standard clamp  
type 316 S.S.  
max. 150 psi

Replacement Silicone Seal

Stock No.	Tube OD	A	Repl.Silicone Seal
104410	1"	3.5"	1043008-10
104415	1.5"	3.56"	1043008-15
104420	2"	3.75"	1043008-20
104425	2.5"	4.31"	1043008-25
104430	3"	4.68"	1043008-30
104440	4"	5.37"	1043008-40
1043009	Set screw for handle		



**Butterfly Valve**  
butt weld  
type 316 S.S.  
max. 150 psi

Replacement Silicone Seal

Stock No.	Tube OD	A	Repl.Silicone Seal
104315	1.5"	1.87"	1043008-15
104320	2"	2.06"	1043008-20
104325	2.5"	2.12"	1043008-25
104330	3"	2.5"	1043008-30
104340	4"	3.18"	1043008-40
1043009	Set screw for handle		

**Air-Actuated Butterfly Valve**  
standard clamp

type 316 S.S.

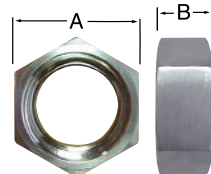
Normally Closed, Air to Open.

Stock No.	Tube OD
104510	1"
104520	2"

Normally Open, Air to Close.

Stock No.	Tube OD
104610	1"
104620	2"

**Hex Union Nut**



Stock No.	Tube OD	A	B
CC13H-15	1.5"	2.406"	.969"
CC13H-20	2"	3"	1.062"
CC13H-25	2.5"	3.594"	1.187"
CC13H-30	3"	4.187"	1.281"
CC13H-40	4"	4.437"	1.5"

**End Cap with Concentric Inlet**

Cap	Stock No.	Inlet OD	Tube OD
1.5"	152653	3/4"	5/8"
1.5"	152654	5/8"	9/16"
2.0"	152659	5/8"	9/16"



**Solid End Cap**

for Tri-Clover

for Bevel Seat

OD	Tri-Clover Stock No.	A	Bevel Seat Stock No.	A
1.5"	CC16A-15	1.98	CCB16A-15	1.84
2"	CC16A-20	2.52	CCB16A-20	2.38
2.5"	CC16A-25	3.05	CCB16A-25	2.91
3"	CC16A-30	3.58	CCB16A-30	3.44
4"	CC16A-40	4.68	CCB16A-40	4.5

**Stainless Steel Filter Gasket**

Tube OD	Stock No.
1.5"	90225
2"	90235

**RUBBER or TEFLON Bevel Seat Gaskets**

Tube OD	Rubber Stock No.	Teflon Stock No.
1.5"	40BS-B15	40BS-S15
2"	40BS-B20	40BS-S20
2.5"	40BS-B25	40BS-S25
3"	40BS-B30	40BS-S30
4"	40BS-B40	40BS-S40

TEFLON, RUBBER or SILICONE

**Tri-Clamp Gaskets**



OD	Teflon Stock No.	Rubber Stock No.	Silicone Stock No.
1"	n/a	9021	n/a
1.5"	170124	9022	40MPX15
2"	170125	9023	40MPX20
2.5"	170126	9024	40MPX25
3"	170127	9025	40MPX30
4"	170128	9026	40MPX40

**RUBBER GASKETS for Surge S.S. Pipeline**

Tube OD	Stock No.
1.5"	902015
2"	902020

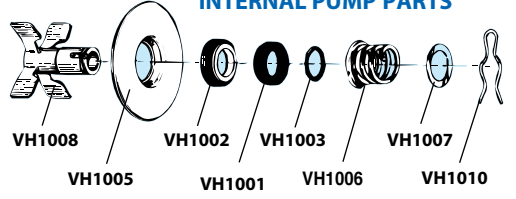


## ANDERSON Milk Pumps



- \*AV1116 Milk Pump, 11/16" Vert.
  - \*AH1116 Milk Pump, 11/16" Horiz.
  - \*\*AV1000 Milk Pump, 1", Vert.
  - \*\*AH1000 Milk Pump, 1", Horiz.
  - \*\*AHDV1000 Milk Pump Surge-style, 1" true Horizontal
  - VH1000 Milk Pump Repair Kit  
Contents
    - 1 VH1001 Carbon Seal
    - 1 VH1002 Ceramic Seal
    - 1 VH1003 O-Ring
    - 1 VH1004 4" Gasket (U-shaped)
    - 1 VH1011 4" Gasket (flat shaped)
    - VH1005 Back Plate
    - VH1006 Spring
    - VH1007 Spring Retainer Washer
    - VH1008 4-Blade Impeller
    - VH1009 2-Blade Impeller
    - VH1010 Hairpin Retainer
- \* contains 2-blade impeller  
\*\* contains 4-blade impeller

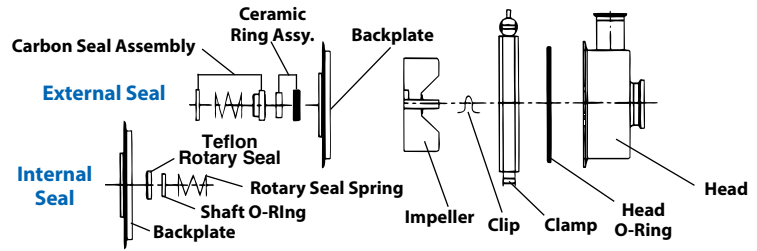
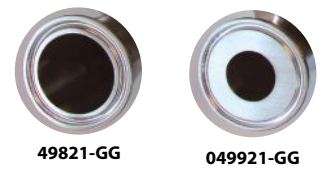
### INTERNAL PUMP PARTS



## L C THOMSEN Milk Pump



### DETAIL Clamp & Milk Outlets



ADDITIONAL SIZES AND PARTS AVAILABLE UPON REQUEST.

Thomsen Milk Pumps have a well-earned reputation in the dairy industry for quality and workmanship. When ordering pumps for other applications, please specify type of liquid to be pumped, gallons per minutes, feet of head (the height to which liquid must be pumped), motor voltage, hertz and phase.

**49821-GG** Model 4 Milk Pump, with external seal for 1.5" clamp, 7/8" shaft, 1.5" outlet.

**049921-GG** Model 4 Milk Pump, with external seal for 1.5" clamp, 5/8" shaft, 1" outlet.

**9222-BO** External Seal Kit for Model 4 Pumps. Includes 1 head O-ring, 1 impeller clip, 1 ceramic ring assembly and 1 carbon seal assembly (Original Equipment)

**9222-AM** External Seal Kit for Model 4, 5 or 6 Pumps (after market). Includes 3 head O-rings, 1 impeller clip, 1 ceramic seal and 1 rotary seal assembly.

**9223-BO** External Seal Kit for Model 5 Pumps. Includes 1 head O-ring, 1 impeller clip, 1 ceramic ring assembly and 1 carbon seal assembly.

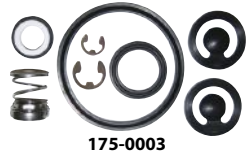
**9315-40** T-Bolt and handle assembly for LC Thomsen #4 Pump

**9355-BO** Internal Seal Kit. Includes 3 shaft O-rings, 1 head O-ring, 1 rotary seal spring, 1 teflon rotary seal and 2 impeller clips.

**9500-VC** Ceramic ring assy. including viton boot.

**9343-4L** Carbon seal assy.

## Milk Pump Seal Kits



- 175-0001** Seal Kit for Boumatic Milk Pump.
- 175-0002** Seal Kit for DeLaval old-style Milk Pump.
- 175-0005** Seal Kit for old-style Surge Milk Pump.
- 175-0003** Seal Kit with new-style seal for new-style Westfalia/Surge Milk Pump. Wt. 3 oz.



## Washguard™ Motors



Leeson Washguard™ motors are designed and built for extended life in the wet, humid environment of the dairy. They feature type 303 stainless steel shafts, drains in end shield, moisture-resistant interior coatings, stainless steel screws and full-face name plate. Washguard motors meet all applicable UL and CSA standards. Additional sizes available upon request.

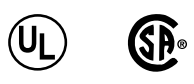
Stock No.	HP	Shaft	Finish	Phase	Frame	Volts	RPM	Weight
113581	1/2HP	5/8"	white epoxy	single	56C	Dual 115/230	3450	25 lbs.
113582	3/4HP	5/8"	white epoxy	single	56C	Dual 115/230	3450	31 lbs.
113583	1HP	5/8"	white epoxy	single	56C	Dual 115/230	3450	31 lbs.
113584	1-1/2HP	5/8"	white epoxy	single	56C	Dual 115/230	3450	36 lbs.
191209	1HP	5/8"	stainless steel	three	56HC	208-230/460	3600	41 lbs.
191560	1-1/2HP	5/8"	stainless steel	three	56HC	208-230/460	3600	48 lbs.
191562	2HP	5/8"	stainless steel	three	56HC	208-230/460	3600	49 lbs.
191490	2HP	7/8"	stainless steel	three	145TC	208-230/460	3600	50 lbs.
191492	3HP	7/8"	stainless steel	three	145TC	208-230/460	3600	62 lbs.



Sheds Water Like A Duck



## Farm Motors



### LEESON THREE-PHASE MOTORS

Stock No.	HP	Shaft	Nema Frame	Volts	RPM	Weight
110088	1HP	5/8"	56	115/208-230	1800	30 lbs.
170140	10HP	1-3/8"	215T	208-230/460	1800	177 lbs.
170066	15HP	1-5/8"	254T	208-230/460	1800	280 lbs.
170007	20HP	1-5/8"	256T	208-230/460	1800	322 lbs.
170011	25HP	1-7/8"	284T	208-230/460	1800	385 lbs.
170015	30HP	1-7/8"	286T	208-230/460	1800	432 lbs.



# Receiver Group Components



## PLASTIC MOISTURE TRAP

- Stock No. Description**  
**175-0018** 3-Gallon Molded Plastic Moisture Trap with S.S. Bend. Wt. 17 lbs.  
**175-0016** Same Trap without S.S. Bend  
**Replacement Parts:**  
**175-0010** Molded Trap Body only  
**175-0011** 4.25" Adapter Sleeve  
**175-0012** 3.75" Adapter Sleeve  
**175-0013** 4" Trap Ball  
**175-0015** Clean out Cap Assembly  
**175-0017** S.S. Bend only, 135°, 3"



**LLRC CONTROL  
MOISTUREPROOF  
WATER RESISTANT**

**LIQUID  
LEVEL  
PROBE**

## LIQUID LEVEL PROBE & CONTROL dual voltage 115/230VAC

- BW1615** 1.5" Liquid Level Probe & Control, solid state  
**BW1620** 2" Liquid Level Probe and Control, solid state  
**LLP15** 1.5" Probe only  
**LLP20** 2" Probe only  
**LLRC** Control only, 115/230VAC  
**LLRB** Replacement board only  
**EX021892A** Replacement board for other 3-prong controls  
**EX100592B** Replacement board for Surge 2-prong control

**18-Month Limited Warranty on Control Boards**



## VACUUM DRAIN VALVE

- AVD4** 4" Vacuum Operated Drain Valve (As shown; hose & fittings not included.)  
**8200020** Repl. Gasket for Drain Valve



## ELBOW

**271215** 1.5" Elbow with 7/16" Drain



## STAINLESS STEEL MOISTURE TRAP

- Stock No. Size & Type**  
**6QMT** 6 qt. Moisture Trap with 2 - 2" threaded inlets. Wt. 3.25 lbs.  
**12QMT** 12 qt. Moisture Trap with 2 - 3" threaded inlets. Wt. 6 lbs.

### Replacement Parts:

- 6QTB** 6 qt. Trap Body  
**12QTB** 12 qt. Trap Body  
**12QTBX** 12 qt. Trap Body without drainage hole  
**1047** Gasket for 6 qt. Cover 6 3/8" by 7 7/8"  
**12QMTG** Gasket for 12 qt. Cover 8 5/8" by 9 3/4"  
**MTC20** Cover only for 6 qt. Trap  
**MTC30** Cover only for 12 qt. Trap  
**MTB20** Ball only for 6 qt. Trap (2.5" diameter)  
**MTB40** Ball only for 12 qt. Trap (4" diameter)  
**6QMTCC** Cover Clip for 6 qt. Cover  
**12QMTCC** Cover Clip for 12 qt. Cover

### OPTIONAL DUCKBILL DRAINS



**120124**

**120122**

- 120122** Duckbill Drain  
**120124** Heavy-Duty Duckbill Drain



## HORIZONTAL STAINLESS STEEL MOISTURE TRAPS

- 175-0006** 12" X 24" Trap complete, 3" clamp X 3"NPT. 29 lbs.  
**175-0009** 12" X 24" Trap, complete, 4" clamp X 4"NPT. 29 lbs.  
**175-0007** Repl. Gasket, 12-1/4" X 13"  
**175-0008** Repl. Lid with Gasket  
**175-0013** Repl. 4" Trap Ball



**Clamp / Thread**

## J-BENDS

## STAINLESS STEEL MOISTURE TRAP BENDS

- Stock No. Size & Type**  
**20JFT** 2" J-Bend, clamp & thread  
**30JFT** 3" J-Bend, clamp & thread  
**20JCC** 2" J-Bend, clamp/clamp  
**30JCC** 3" J-Bend, clamp/clamp  
**30UCC** 3" U-Bend, clamp/clamp  
**175-0014** 4" U-Bend, clamp/clamp  
**CC21-2020** 2" Adapter, clamp/thread  
**CC21-3030** 3" Adapter, clamp/thread

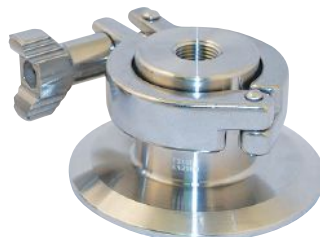
**Clamp / Clamp**



**Clamp / Clamp**

## U-BENDS

## STAINLESS STEEL Air Blow Check Valve



Air Blow Valve is designed to pressurize lines with air to purge out milk or CIP solution. Valve is normally closed and uses air to open. Comes with a 1.0 micron air filter disk and a 3/8"NPT female air connection. 20 to 60 psi operating range. Use with 4730-06-99-12 Milk Filter.

- 623-0001** Air Blow Check Valve, 1.5". Wt. 1.56 lbs.  
**623-0002** Air Blow Check Valve, 2". Wt. 1.67 lbs.  
**623-0003** Air Blow Check Valve, 2.5". Wt. 1.83 lbs.  
**623-0010** Repair Kit for Air Blow Check Valves.



# Coburn® Receiver Groups

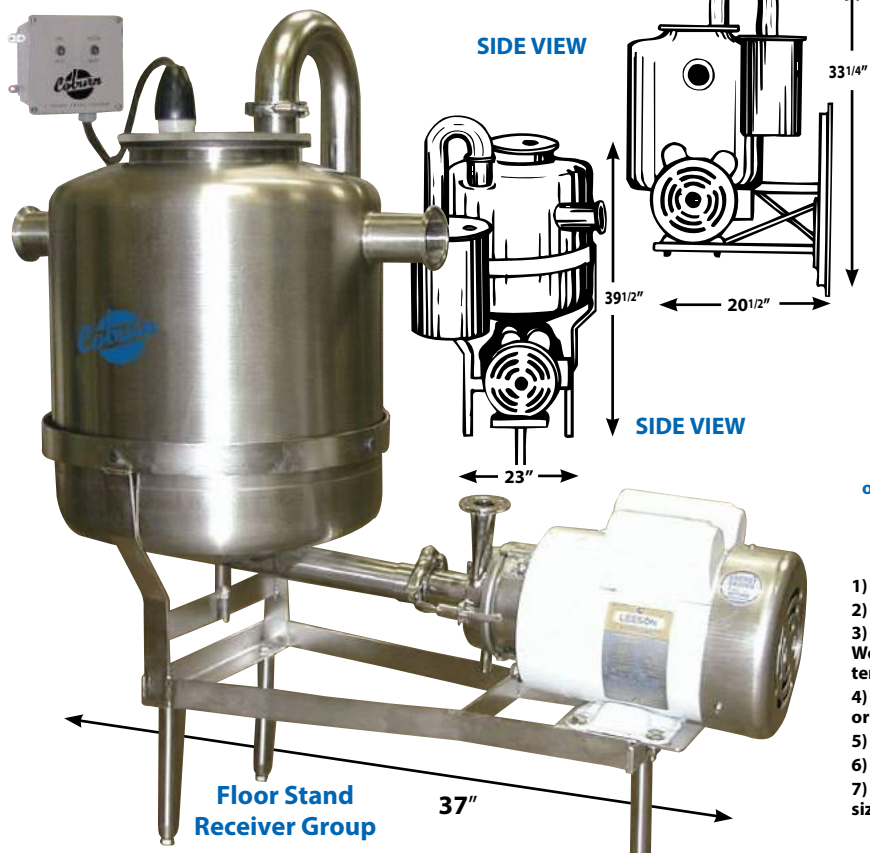
All receiver groups are not alike. We start with finely finished stainless steel components and add Leeson Washguard™ motors for extended life in wet, humid environments. Leeson has built the Washguard™ with sealers on all machined fits, stainless steel fasteners, nylon gaskets, interior coatings designed for outstanding moisture resistance, stainless steel shaft, contact seals with special moisture-deflecting lubricant and USDA two-part epoxy finish.



Order Coburn Receiver Groups in complete Assemblies, or by individual component.

40-5/8"

Wall Mounted Receiver Group



SIDE VIEW

SIDE VIEW

Floor Stand Receiver Group

37"

## COMPLETE WALL-MOUNT ASSEMBLIES

- Receiver Jar with two inlets, one 1-1/2" outlet & 2" Vacuum Connector.
  - Stainless Steel Wall Panel, Jar & Motor Mount.
  - Stainless Steel 6 qt. Moisture Trap & J-Bend.
  - Leeson Washguard™ Motor.
  - Solid State Liquid Level Control & Probe.
  - Stainless Steel Anderson Milk Pump – Vertical or Horizontal.
- AWV1000** Wall Mount Assembly with 18" X 18" Jar and vertical pump. 1HP motor, 3" inlets.  
**AWH1000** Wall Mount Assembly with 18" X 18" Jar and horizontal pump. 1HP motor, 3" inlets.

## COMPLETE FLOOR-STAND ASSEMBLIES

- 18 x 18 Jar with two 3" inlets, one 1.5" outlet and 3" Vacuum Connection.
  - Heavy Duty Stainless Steel Jar Support, Motor Platform.
  - 12 Quart Stainless Steel Moisture Trap & J-Bend.
  - 1 HP Leeson Washguard™ Motor.
  - Solid State Liquid Level Control & Probe.
  - Stainless Steel Milk Pump – Vertical or Horizontal.
- AFV1000** Floor Mount Assembly with vertical pump.  
**AFH1000** Floor Mount Assembly with horizontal pump.

## RECEIVER GROUP COMPONENTS

### WALL-MOUNT RECEIVER PANEL

- 1418WP** 18" X 24" S.S. Wall Panel
- 1418H** Jar Holder (hoop) for 18" diam. Jars
- 1118955** Motor Mount Plate for Wall Mount
- 1118803** Bracket for Motor Mount Plate

### FLOOR-MOUNT RECEIVER STAND

Frame includes heavy duty S.S. Jar Support and Motor Platform. Legs ordered separately.

- 1818FF** Floor Mount Frame for 18" diam. Jar
- 2626FF** Floor Mount Frame for 26" diam. Jar
- 2626FFL** Legs for 26" diam Jar Frame (3).
- 1418FFL** Legs for 18" diam. Jar Frames (3).

### BLANK RECEIVER JARS

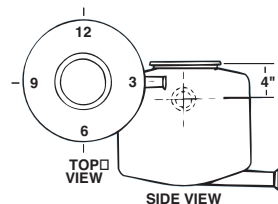
For Ferruled Outlets, add "F" to Stock No.

- 1818BL15** 18" x 18" w/ 1.5" Outlet, 16 gal. 26 lbs.
- 1824BL15** 18" x 24" w/ 1.5" Outlet, 22 gal. 32 lbs.
- 1830BL15** 18" x 30" w/ 1.5" Outlet, 28 gal. 34 lbs.
- 2624BL15** 26" x 24" w/ 1.5" Outlet, 46 gal. 57 lbs.
- 2624BL20** 26" x 24" w/ 2" Outlet, 46 gal. 72 lbs.
- 1418JCB** Cover for 18" diam. Jars
- 1418JC15** Cover with 1.5" hole for 18" diam. Jars
- 2624JCB** Cover for 26" diam. Jars
- 2624JC15** Cover with 1.5" hole for 26" diam. Jars
- 1047** Cover Gasket for 18" diam. Jars
- 2624G** Cover Gasket for 26" diam. Jars

## CUSTOMIZED RECEIVER GROUPS

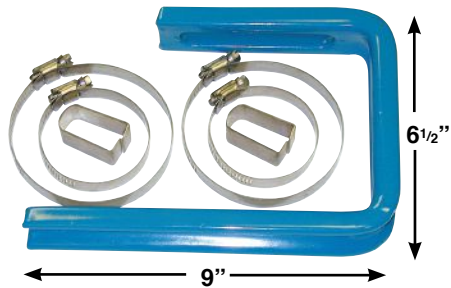
Call 800-776-7042

or e-mail [info@coburn.com](mailto:info@coburn.com) to request a worksheet



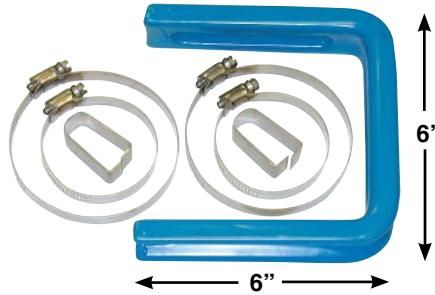
- 1) Wall mount or floor mount?
- 2) What is your desired jar capacity?
- 3) Number, size and location of inlets? Straight or angled? Welded or ferruled? Set discharge at 3:00 and indicate location in terms of the hours on a clock face.
- 4) Size and location of vacuum inlet? Straight or angled? Welded or ferruled?
- 5) Cover size? Probe hole size? Liquid level control & size?
- 6) Is a vacuum operated drain valve needed?
- 7) What size milk pump? Vertical or horizontal discharge? Motor size?

## Deluxe Plastic-Coated "U" Pipeline Hanger



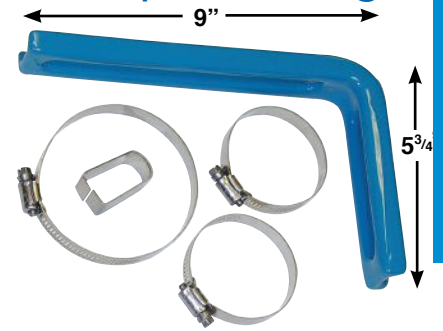
**BU85** Plastic coated "U" pipeline hanger complete with stainless clamps, (two 4" and two 2-1/2") and stainless steel clips. For up to 3" pipeline. Wt. 2 lbs. Bagged.

## Deluxe Plastic-Coated "U" Pipeline Hanger



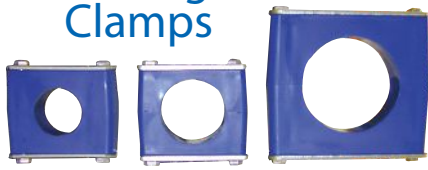
**BU83** Plastic-coated "U" pipeline hanger complete with 4 clamps and 2 stainless steel clips. Bagged. Wt. 2 lbs.

## Deluxe Plastic-Coated "L" Pipeline Hanger

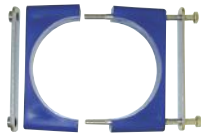


**BL84** Plastic coated "L" pipeline hanger complete with stainless steel clamps (one 4" and two 2-1/2") and stainless steel clip. Wt. 1.5 lbs. Bagged.

## Tubing Clamps



Sanitary Tubing Clamps are molded in smooth blue polypropylene with type 304 Stainless Steel rail and deck plates. Each assembly includes 2 plastic clamp halves, 1 rail plate, 1 deck plate and 2 mounting bolts in poly bag.



**Complete Assy.**  
(4" shown)

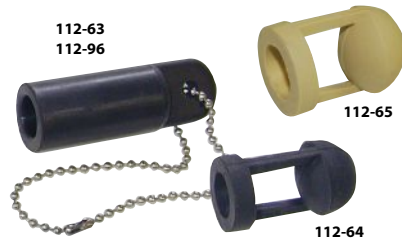
- 3710200** Poly Clamp Assy. for 1.5" OD.
- 3710201** Poly Clamp Assy. for 2" OD.
- 3710207** Poly Clamp Assy. for 2.5" OD.
- 3710202** Poly Clamp Assy. for 3" OD.
- 3710203** Poly Clamp Assy. for 4" OD.

## Diverter Plug



**7200** Diverter Plug for 2" Glass Tee.

## Inlet Closures



- 112-63** Sanitary Spigot Closure for 5/8" OD tube.
- 112-96** Sanitary Spigot Closure for 3/4" OD tube.
- 112-64** Nipple Closure, for 5/8" or 3/4" OD tube.
- 112-65** Nipple Closure, for 3/4" or 7/8" OD tube.

## Vacuum Drain Valves



- 3420004** Vacuum Drain Valve closes at very low vacuum and drains liquid efficiently. Black polymer, 1/2" thread.
- 3420005** Same as above with 3/4" thread.
- 100216** Vacuum Drain Valve. Plastic with nicked brass insert, 3/8" thread.
- 9120100** Vacuum Drain Valve. Unbreakable plastic, 1/2" thread.

## Bevel Seat Closures



OD	Female with Chain	Female w/o Chain	Male with Chain	Male w/o Chain
1.5"	2910-15	2900-15	2810-15	2800-15
2"	2910-20	2900-20	2810-20	2800-20
2.5"	2910-25	2900-25	2810-25	2800-25
3"	2910-30	2900-30	2810-30	2800-30

## Rubber Connectors



- 12654-00** Rubber Coupling (socket) for diameter of 1.5" (38mm).
- 12600-00** Rubber End Cap for 1.5" (38mm) diam.
- 1267-38** Rubber Elbow for 1.5" (38mm) diam.

## RUBBER Flapper Valves



- 9005** Flapper Valve, 1-1/2" for DeLaval pipeline.
- 9006** Flapper Valve, 1-1/2" for Surge pipeline.
- 256935** Flapper Valve, 1-1/2" (22-11) for Tri-clamp fittings.

## Replacement Clamps & Clip



- SSC36** Replacement stainless steel clamp for pipeline hangers. For up to 2-1/2" OD pipe.
- SSC56** Replacement stainless steel clamp for pipeline hangers. For up to 4" OD pipe.
- BC99** Replacement stainless steel clip for deluxe pipeline hangers.

## STAINLESS STEEL Hex Wrench



**5742601** Three-Way Outlet Hex Wrench for 1.5", 2" and 3" hex unions. All Stainless Steel. Wt. 1.75 lbs.

## Pump Back Plate



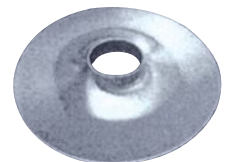
**175-0004** Repl. Back Plate for new-style Surge Milk Pump. Wt. 2.5 lbs.

## Flange Bracket



**3800012** Galvanized Flange Bracket for 1/2"

## STAINLESS STEEL Wall Flanges



- CC6-15** S.S. Wall Flange for 1.5" tubing.
- CC6-20** S.S. Wall Flange for 2" tubing.
- CC6-25** S.S. Wall Flange for 2.5" tubing.
- CC6-30** S.S. Wall Flange for 3" tubing.
- CC6-40** S.S. Wall Flange for 4" tubing.





# Cream Separators

Milky Electric Cream Separators are extremely quiet, well-designed and feature quality materials and workmanship throughout. Milky Electrics use the familiar spinning disc technology, but with features that improve safety, balance and durability.

The fully electronic control starts the Milky smoothly and reaches full output only after about 30 seconds, putting less stress on the motor. The attachment design of the milk tank, along with the broad rubber feet, give additional stability to the smaller styles. The larger models may be bolted to the work surface. Spinning disks are made of aluminum and the float is stainless steel. All milk contact parts are made of food grade plastic, aluminum or stainless steel. Height of the units range from 20" to 40". Motors are 115 VAC / 60 Hz, except model 17591 is 230 VAC / 60 Hz. Complete instructions are included.

High capacity "Long-Life" model 17591 includes a separate control box with digital display for better control and speed regulation. "Long-Life" motor has no brushes and is virtually maintenance-free.

**17602** 130 L/H (137 qts.) Electric Cream Separator, FJ 130, has Long-Life motor and food-grade plastic housing, milk and cream spouts. Top bowl is made of stainless steel. Wt. 21 lbs.

**17597** 90 L/H (95 qts.) Electric Cream Separator, FJ 90, housing, milk and cream spouts, milk container and top bowl are food-grade plastic. Wt. 11 lbs.

**17594** 85 L/H (90 qts.) Manual Cream Separator, FJ 85, housing is cast aluminum, spouts and milk container are aluminum. Wt. 16 lbs.

**17591** 600 L/H (634 qts.) Electric Cream Separator, FJ 600, with Long-Life Motor Speed Control Box. Milk container, milk and cream spouts are stainless steel. Motor is 230vac/60hz. Wt. 77 lbs.

**NOTE:** The butterfat percentage of milk can affect how cream separators work. Test batches may be necessary to find the correct settings and techniques.



# Eco Mini Pasteurizer

Milky's Eco Mini Pasteurizer will process up to 3.5 gallons/14 liters of milk to a temperature of 195°F/91°C in about 1 hour. Inlet and outlet hoses fill a water bath which is sealed against any contact with the milk and provides a constant and gentle heating function. The water bath may be flushed with cold water to stop the heating process. The Eco Mini's added insulation creates a more energy saving construction. Instructions included.

**13305** Eco Mini 3.5-Gallon Stainless Steel Pasteurizer, complete, with thermometer. 120VAC. Wt. 13.5 lbs.

**410057** Repl. Milk Pot Retainer Bolts, set of 2

**411036** Repl. Thermometer

**425292** Repl. Temperature Sensor

**425293** Repl. Control Board 115 Volt



13305

# Butter Churns



Milky Butter Churn is simple in design and convenient to operate. Churn will handle from 1 to 4 liters of cream and is stainless steel throughout. The large transparent cover allows visual monitoring and the bottom of the cream container has an outlet for draining. Electric model has a safety feature which turns off the motor when the cover is removed and the cover has a hole for adding cold water for washing the butter while the motor is on. Instruction booklet included with both models. Overall dimensions are 9"L x 14"W x 12"H. This style of churn was previously known as the FJ10.

**13208** Manual Milky Butter Churn, complete. Wt. 9 lbs.

**13221** Electric Milky Butter Churn, complete. 115VAC 60 Hz. Wt. 16.5 lbs.



# Midi Pasteurizer

This 7 Gallon Stainless Steel Pasteurizer will process 7 gallons/28 liters of milk up to a temperature of 161°F/72°C in about 1 1/4 hours. Inlets and outlet hoses fill a water bath which is sealed against any contact with the milk and provides gentle heating. Fixing hooks for the inner kettle support the constant heating process. A water bath with cold water stops the heating process. The Eco Midi Pasteurizer has additional insulation for energy saving construction. Instructions included.

**13313** Milky FJ30 Midi Pasteurizer, complete with thermometer. 120VAC, 1.5 kW heater. Wt. 25 lbs.



13313



# Multipurpose Pasteurizer

Milky's 12 Gallon Stainless Steel, three walled, multipurpose kettle will process up to 12 gallons/45 liters of milk up to a temperature of 201°F/94°C in about 1.5 hours. Unit pasteurizes milk and can produce cheese or yogurt. Operation is easy with programmable keypad. Wall strength between second and third chamber guarantees a perfect heat transfer-meaning better energy savings for you! Specially formed and precise closing cover prevents an evaporation of steam and flow on the outer wall. Instructions included.

**13315** Milky FJ50PF Multipurpose Pasteurizer. 220VAC single phase, 60 Hz., 3 kW heater. Wt. 68 lbs.



13315

# Milk Pasteurizer



Our 2-gallon capacity Milk Pasteurizers use the same principles of pressurized heating and vacuum-sealed cooling found in the best commercial pasteurizers. Pasteurizers come complete with inlet and outlet hoses and instructions.

**P3000** SafGard Pasteurizer, red enamel outer container, aluminum milk bucket & cover. Wt. 12 lbs.

**P3000-220** SafGard Pasteurizer in 220V for export (cord included, plug not included). Wt. 12 lbs.

## Hand Butter Churn



Hand Butter Churn will churn 2.5 quarts of cream into butter in approximately 25 minutes. Churn features a 4-to-1 gear ratio, balanced grip, steel machine-cut gears, steel frame, nylon bearings, maple wood paddles and oak handle. Quality hand-crafted Churn is fully assembled, ready to use, and instructions are included. Made in U.S.A.

- 45101** Hand Butter Churn, complete. Wt. 10 lbs.
- 45102** Replacement Jar, thick Anchor-Hocking glass.

## Stainless Steel Pails



**Pail with Tilting Handle**



**Plain Pail Cover sold separately**

A long-time favorite, our Stainless Steel Pails are heavy one-piece seamless construction throughout. Made of 18-8 Type 304 stainless steel, the seamless construction assures greater tensile strength. With mirror polish outside surface and satin finish inside, our Pails are easily cleaned to the most exacting standards. Covers are dome-shaped with clip type handles for hanging on pail rim.

Stock No	Description	Wt.
<b>1009</b>	Plain Pail, 9 qt.	3.25 lb.
<b>1013</b>	Plain Pail, 13 qt.	4.5 lb.
<b>1113</b>	Pail with Tilt Handle, 13 qt.	5 lb.
<b>1016</b>	Plain Pail, 16 qt.	5 lb.
<b>1116</b>	Pail with Tilt Handle, 16 qt.	5.5 lb.
<b>1020</b>	Plain Pail, 20 qt.	7.5 lb.
<b>1120</b>	Pail with Tilt Handle, 20 qt.	9 lb.
<b>1509</b>	Cover for 9 qt. Pail	1 lb.
<b>1513</b>	Cover for 13 qt. Pail	1.5 lb.
<b>1516</b>	Cover for 16 qt. Pail	1.75 lb.
<b>1520</b>	Cover for 20 qt. Pail	2 lb.

**Pail Dimensions:**

**Height X Top OD X Bottom OD**

- 9 qt. Pails 8" X 10-5/8" X 8"
- 13 qt. Pails 9-7/8" X 12-1/4" X 8-1/2"
- 16 qt. Pails 12" X 13" X 8-3/8"
- 20 qt. Pails 11-3/8" X 14-3/8" X 10-1/8"

## Electric Butter Churn



The fresh delicious taste of home-made butter is available in 20 minutes and the motor does all the work. Electric Butter Churn features Lexan dasher (agitator), aluminum handle, electric motor, heavy cord with 3-prong plug, 2.5 gallon Duraglass jar with cap and carrying handle assembly. Churn will process 7 quarts of cream at a time. Complete with instructions.

- GD2** Electric Butter Churn, complete. 115VAC 60 HZ 1750 RPM. Wt. 13 lbs.
- CJ2** Replacement Glass Jar.
- GD506** Replacement Lid
- GD510** Replacement Lexan Dasher (agitator).
- GD509** Replacement Set Screw for Dasher.
- GD501** Solid Storage Lid (optional)
- GDM** Replacement Motor.

## Floating Dairy & Pasteurizing Thermometer

Floating Dairy and Pasteurizing Thermometer has easy-to-read glass enclosed red spirit tube. Fahrenheit range is 32° through 212°. Celsius range is 0° through 100°. Thermometer is approximately 8" long.

Does not contain mercury.

- C1-0621** Floating Thermometer, boxed.



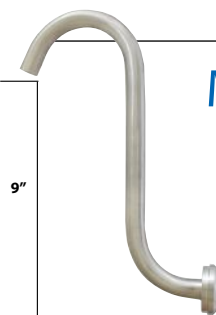
## Lactometers

Lactometers are used to measure the amount of water in milk. Quevenne Lactometer is a combination thermometer/ lactometer with a scale of 15° to 40° Quevenne in 0.5°Q increments. Unit is approximately 12" long.

- 32120** Quevenne Lactometer with thermometer, Fahrenheit (30° to 150° in 2° increments).
- 32130** Quevenne Lactometer with thermometer, Centigrade (0° to 70° in 2° increments).



## Milk Jug Filler



- 54715** 1.5" Stainless Steel Milk Jug Filler
- 54720** 2" Stainless Steel Milk Jug Filler

## Flash Check Digital Thermometer

Waterproof Digital Thermometer is recommended as a food safety tool in commercial & industrial applications. Features a switchable Celsius/Fahrenheit scale, reduced tip probe for fast response time, extra large readable digits, hold button to display reading for several seconds, and pocket clip for portability. Fahrenheit range is -40° through 311°. Celsius range is -40° through 155°. Thermometer is approximately 3.9" long. NSF certified.

- 11066** Flash Check Digital Thermometer.



## Flow Filter



Flowfilter provides excellent milk filtration without the inconvenience and expense of disposable milk socks. The body is manufactured from chemical-resistant materials and the twin stainless steel milk filters will not rust or corrode. Grey-tinted clear plastic case features seamless construction and slip-resistant grips. Flowfilter is compatible with all milking systems and may be inserted at any stage of the transfer line. Flowfilter is especially useful to protect plate coolers during cleaning. Inlet and outlet are 1.5" OD (40mm). Replacement parts available.

- AF010** Ambic Flowfilter.

Ideal for filtering milk for calf feeding.

## Sanitary Strainer



Large 2 gallon capacity strainer is made of smooth, polished stainless steel. Top O.D. is 12-3/4" (324mm) and bottom O.D. is 5" (127mm). Strainer includes retainer ring, flat stainless steel mesh filter and has a loop for hanging. For more filtration, Strainer may be used with a disposable 6-1/2" filter disk. Replacement parts are available.

- 9100105** Stainless Steel Strainer complete. Wt. 3.75 lbs.
- 9100105C** Replacement Stainless Steel Clip.
- 9100105M** Replacement Stainless Steel Mesh.
- D110** 6.5" Disk Filters. Case of 36 boxes, 18 lbs.
- D111** 6.5" Disk Filters. Case of 15 boxes, 7.5 lbs.
- 4103-14-45-36** 6.5" Standard Filter Clean non-gauze disks, 100 per box. Case of 36 boxes. 28 lbs.
- 4103-14-45-18** 6.5" Standard Filter Clean non-gauze disks, 100 per box. Case of 18 boxes. 14 lbs.

## Dual Scale Dial-Type Liquid Thermometer

Bi-metal Thermometer has 2" diameter dial and 8" long plain connection stem (4mm diameter). Dual scale shows Fahrenheit in black and Celsius in blue. Range is 0 to 220°F. Thermometer comes complete with type "A" clip and is individually boxed.

- 10100** Dial-Type Liquid Thermometer. Wt. 3 oz.







# Goat & Sheep Milking Standard Stall Units



**4214106** Basic Stall Unit 1 x 6 with cascading head locks.

Standard Stalls are ideal for herds 25 - 150 animals.

### Coburn's Standard Stalls feature:

- All stainless steel construction
- Cascade headlock
- Easy bolt-on construction
- Stainless steel feed troughs



Detail of cascading head locks

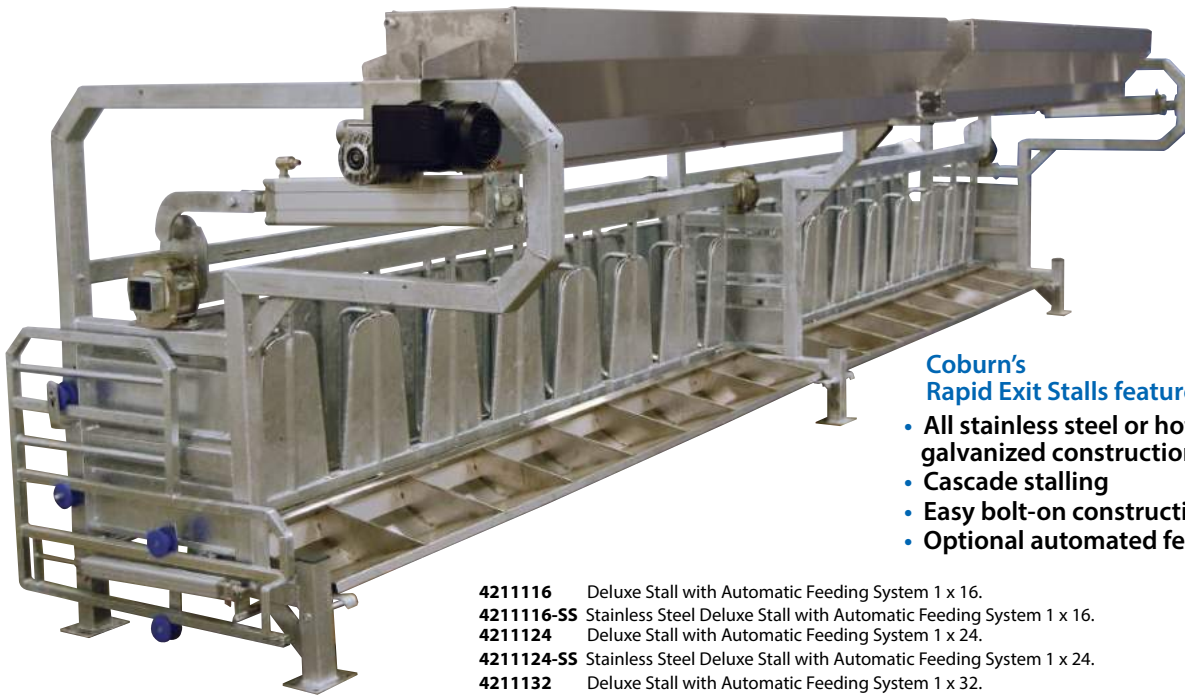


Front view of **4213112** Basic Stall Unit 1 x 12 with cascading head locks and end gates.

Coburn Goat and Sheep Stalls are pre-assembled and ready to attach to your milking platform. Stalls feature individual cascading self-locking head locks with gang release. The 12-stall Unit has gate legs at each end. These stalls combine well with our PortaMilker bucket milking set-ups. Order Units individually or request quotation for a complete system.

- 4214106L** Basic Stall Unit 1 x 6 with cascading head locks. Stainless Steel. Wt. 150 lbs. (Left Entry).
- 4214106R** Basic Stall Unit 1 x 6 with cascading head locks. Stainless Steel. Wt. 150 lbs. (Right Entry).
- 4213112L** Basic Stall Unit 1 x 12 with cascading head locks and end gates. Galvanized Steel. Wt. 375 lbs. (Left Entry).
- 4213112R** Basic Stall Unit 1 x 12 with cascading head locks and end gates. Galvanized Steel. Wt. 375 lbs. (Right Entry).
- 4213106L** Expansion Unit to add 6 stalls to 4213112. Galvanized Steel. Wt. 135 lbs. (Left Entry).
- 4213106R** Expansion Unit to add 6 stalls to 4213112. Galvanized Steel. Wt. 135 lbs. (Right Entry).

# Rapid-Exit Milking Stalls



### Coburn's Rapid Exit Stalls feature:

- All stainless steel or hot-dipped galvanized construction
- Cascade stalling
- Easy bolt-on construction
- Optional automated feeding system

4211116 Sheep / Goat Deluxe Stall w / Feeding 1x16.

- 4211116 Deluxe Stall with Automatic Feeding System 1 x 16.
- 4211116-SS Stainless Steel Deluxe Stall with Automatic Feeding System 1 x 16.
- 4211124 Deluxe Stall with Automatic Feeding System 1 x 24.
- 4211124-SS Stainless Steel Deluxe Stall with Automatic Feeding System 1 x 24.
- 4211132 Deluxe Stall with Automatic Feeding System 1 x 32.
- 4211132-SS Stainless Steel Deluxe Stall with Automatic Feeding System 1 x 32.
- 4212116 Deluxe Stall without Automatic Feeding 1 x 16.
- 4212116-SS Stainless Steel Deluxe Stall without Automatic Feeding x 16.
- 4212124 Deluxe Stall without Automatic Feeding 1 x 24.
- 4212124-SS Stainless Steel Deluxe Stall without Automatic Feeding 1 x 24.
- 4212132 Deluxe Stall without Automatic Feeding 1 x 32.
- 4212132-SS Stainless Steel Deluxe Stall without Automatic Feeding 1 x 32.



Front view of 4211116 Sheep / Goat Deluxe Stall w / Feeding 1x16.



Side view of 4211116 Sheep / Goat Deluxe Stall w / Feeding 1x16.

### Rapid-Exit Stall measurements:

- 16 stall unit with feeding system - 21' 5" x 5' 2" x 5' 3".
- 24 stall unit with feeding system - 31' 11" x 5' 2" x 5' 3".
- 32 stall unit with feeding system - 42' 5" x 5' 2" x 5' 3".

Size	Animals per hour	Milkers
1x24 w/ feeding	150-170	1-2
1x32 w/ feeding	180-200	1-2
2x24 w/ feeding	300-350	2-3
2x32 w/ feeding	450-500	3

\*Animals per hour is an estimate only based on sheep. For goats, calculate 10% more.



Visit our YouTube channel to see a Rapid-Exit Stall in action.





# Goat & Sheep Milking

## ITP205 & ITP207 Assembly COMPONENTS

### Sheep Milking Accessory



**2030018** Alignment Accessory clips the milker tube and air tube together for better balance when milking sheep with the Vanguard Claw.

### Inflation Plug



**1900013** Plastic Inflation Plug for Sheep & Goat Inflations

### Jetter Cups



**0/312**  
Pictured

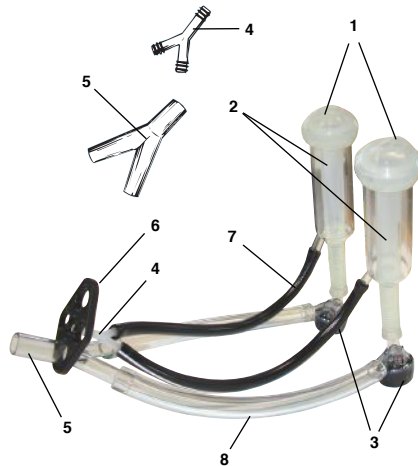
**0/250** Jetter Cup for 0/301 and 0/386 sheep inflations (1-7/16" opening).

**120113** Jetter Cup for 0/300, 0/385, 0/398 goat inflations and 2000081 sheep inflation (2-5/16" opening).

**0/312** Jetter Cup for 0056/0002 goat inflation and 2000069 sheep inflation.

**0/579** Jetter Cup for 0/524 sheep inflation

**0/537** Jetter Cup for 0/584 sheep inflation



**Contents of the Assemblies**  
Listed under ITP207 and ITP205

Key	Stock No.	Description
1	0/301	Silicone Sheep Inflation (2)
	0/386	Rubber Sheep Inflation (2)
	0/300	Silicone Goat Inflation (2)
	0/385	Rubber Goat Inflation (2)
2	2200/303	Clear Sheep Shell (2)
	2200/302	Clear Goat Shell (2)
3	2059001	ITP205 (shown) (2) OR
	2079002	ITP207 (2)
4	145107	Splitter for 1/4" air line
5	2020009	Splitter for 5/8" milk line
6	2040010	Plastic Bracket
7	6V	Air Tube, black (2)
8	ST1632	Clear Silicone Tube (2)

### Milk Bend Accessory



Clear Plastic Milk Bend is a handy full-flow elbow, 7/16" ID by 9/16" OD.

**2060060** Plastic Milk Bend with vent.

**2060061** Plastic Milk Bend without vent.



## Claws & Assemblies For Goats & Sheep

Designed for the gentle milking of goats and sheep, Interpuls ITP205 and ITP207 Individual Milking Clawpieces incorporate unique shut-off valves which automatically control the vacuum supply to each liner during milking and washing. A milking valve and claw in one, the Clawpiece is attached directly to the liner as shown in the assembly at left and may be used in any milking installation.

Automatic shut-off means less work for the operator during milking and washing and less vacuum fluctuation when liners are put on and taken off. The valves close automatically if the cluster is kicked off thus avoiding vacuum drop or intake of dirt. An unhealthy teat is easily isolated during milking.

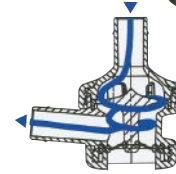
Clawpieces are made of high impact resistant materials and are easy to disassemble for cleaning and maintenance.

### ITP207



**PARTS**

1	2070005	Locking ring
2	2070002	Upper body
3	2070007	Gasket
4	2070001	Main body
5	2070004	Shutter valve
6	2070006	Diaphragm
7	2070009	Lower body



ITP207 is fully automatic during milking and washing. (Not recommended for bucket milking.); designed for CIP washing systems.

**2079002** ITP207 Clawpiece. Wt. 4 oz.

**20790025S** ITP207 Assembly for sheep, silicone liners.

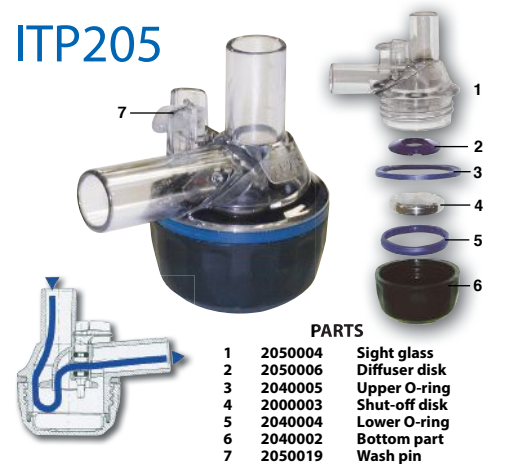
**20790025R** ITP207 Assembly for sheep, rubber liners.

**2079002GS** ITP207 Assembly for goats, silicone liners.

**2079002GR** ITP207 Assembly for goats, rubber liners.

NOTE: Shut-off is constructed to allow some vacuum bypass to prevent rapid liner drop during removal.

### ITP205



**PARTS**

1	2050004	Sight glass
2	2050006	Diffuser disk
3	2040005	Upper O-ring
4	2000003	Shut-off disk
5	2040004	Lower O-ring
6	2040002	Bottom part
7	2050019	Wash pin

Fully automatic during milking, the ITP205 requires the lever be pushed down during washing to prevent closing due to water turbulence.

**2059001** ITP205 Clawpiece. Wt. 4 oz.

**20590015S** ITP205 Assembly for sheep, silicone liners.

**20590015R** ITP205 Assembly for sheep, rubber liners.

**2059001GS** ITP205 Assembly for goats, silicone liners.

**2059001GR** ITP205 Assembly for goats, rubber liners.

NOTE: Shut-off is constructed to allow some vacuum bypass to prevent rapid liner drop during removal.

## “ITP206” Claw



**2069015**  
shown with  
air and milk tubes

**2069013**

The ITP206 was designed with the goals of reducing operating costs and avoiding the harmful effects of over-milking on the delicate udders of goats and sheep. Made of high-strength plastic, the claw has two separate pushbuttons to open the chambers which allows control of vacuum during attachment and also allows bypassing one of the teats in case of infection. High vacuum stability is achieved with an automatic shut-off system and valves that are closed until milk begins to flow, thus avoiding vacuum leakages. The inside of the ITP206 has been designed to allow milk to rotate and pass through smoothly which reduces foaming and prevents build-up of deposits thus making cleaning and maintenance easier.

ITP206 is available in two versions, high line and low line. Its versatile design makes it suitable for use on manually disconnected systems also.  
**2069013** ITP206 Milking Claw for goats and sheep for high line. Wt. .5 lb.  
**2069015** ITP206 Milking Claw for goats and sheep for low line. Wt. .5 lb.

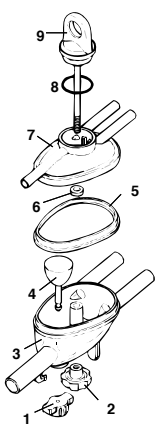
## Vanguard Claw

**FOR HIGH-PRODUCING GOATS & SHEEP**



### Vanguard Claw Parts

- |   |         |  |
|---|---------|--|
| 1 | 2030006 | Shut-off lock  |
| 2 | 2030023 | Knurled knob   |
| 3 | 2030002 | Bottom part  |
|   | 2030031 | Bottom part without shut-off                                 |
| 4 | 2030038 | Shut-off   |
| 5 | 2030005 | Bottom gasket  |
| 6 | 2030027 | Top gasket   |
| 7 | 2030001 | Top part   |
|   | 2030026 | Top part (not pictured - for use with alternating pulsation) |
| 8 | 2030007 | O-ring   |
| 9 | 2030003 | Hanger   |



The Vanguard Goat & Sheep Milking Claw is recommended for high-producing goats and sheep which require more safeguards against flooding or vacuum problems. The Vanguard's large bowl capacity allows the milk to flow through smoothly, decreases vacuum fluctuation at the teat end and protects against vacuum loss from a dropped unit. The bowl is ergonomically designed for quick and comfortable positioning of the claw under the udder. The Vanguard is made of clear polycarbonate for light weight and ease of visual inspection. For sheep milking, the 2030018 Alignment Accessory is recommended. Vanguard is available separately or in complete assemblies as shown below.

- 2039002** Vanguard Milking Claw with shut-off, vented. Wt. 8 oz.
- 2039001** Vanguard Milking Claw with shut-off, unvented. Wt. 8 oz.
- 2039012** Vanguard Milking Claw without shut-off, unvented. Wt. 8 oz.

**NOTE:** Shut-off is constructed to allow some vacuum bypass to prevent rapid liner drop during removal.

## Claw Hanger Tensioning Device



The Claw Tensioning device is an adjustable hanger which is used to assure proper alignment in the parallel milking parlor. Correct positioning of the claw improves milk-out and udder health in goats and sheep. This device is recommended for use with the Vanguard Claw or other large goat or sheep milking claws. Hanger is lightweight, durable and adjustable for height.  
**9000278** Claw Tensioning Device.

## Vanguard Assemblies



Vanguard Milking Claw Assembly includes Claw, two extended tube Silicone liners, two clear shells and clear air tubing for a ready-made milking assembly for one animal. Vanguard Claw is recommended for high producing sheep and goats.  
**2039001GS** Vanguard Milking Claw Assembly for one goat (includes 0056/0002 inflations and 2200/3211 shells.)  
**2039001SS** Vanguard Milking Claw Assembly for one sheep (includes 0/524 inflations and 2200/3209 shells.)  
**2039001GH** Heavy Duty Vanguard Milking Claw Assembly for one goat (includes 2000081 liners and 2000076 shells.)  
**2039001SH** Heavy Duty Vanguard Milking Claw Assembly for one sheep (includes 2000069 liners and 2000077 shells.)

## Sheep & Goat Milking Inflations & Shells

Choose traditional rubber or soft, translucent, flexible long-lasting silicone. With proper care, silicone can last much longer than rubber. Remember to replace liners and tubing at regular intervals. Replace rubber at 180 days or 2500 milkings, silicone at 270 days or 3750 milkings.



- 0/301** Silicone Liner for sheep
- 0/386** Rubber Liner for sheep
- 2200/303** Clear Shell for 0/301 & 0/386
- 0/584** Silicone Liner (D/L S100-style) for sheep
- 2200/3206** Clear Shell for 0/584 Liner
- 0/524** Silicone Liner with extended milk tube
- 2200/3209** Clear Shell for 0/524 Liner
- 2000069** Silicone Liner for 2000077
- 2000077** Heavy Duty Clear Shell for 2000069 Liner.



- 0/300** Silicone Liner for goats
- 0/385** Rubber Liner for goats
- 0/398** Silicone Liner with longer milk tube
- 2200/302** Clear Shell for 0/300, 0/385 & 0/398
- 0056/0002** Silicone Liner with extended milk tube
- 2200/3211** Clear Shell for 0056/0002 Liner
- 2000081** Silicone Liner for 2000076 Shell
- 2000076** Heavy Duty Clear Shell for 2000081 Liner



## Gate Valves



Plastic Gate Valves for vacuum shut-off have stainless steel shafts. Valves made of ABS are black with ABS paddle. Female slip X slip fittings unless noted.

- 17101** Gate Valve for 1-1/2" line, ABS, with black ABS paddle. 1 lb.
- 17201** Gate Valve for 2" line, ABS, with black ABS paddle. 1 lb.
- 17301** Gate Valve for 3" line, ABS, with black ABS paddle. 1.5 lbs.
- 16201** Gate Valve for 2" line, white PVC with stainless steel shaft and paddle.
- 16301** Gate Valve for 3" line, white PVC with PVC paddle. 1.5 lbs.
- 16401** Gate Valve for 4" line, white PVC with stainless steel paddle. 4 lbs.
- 16601** Gate Valve for 6" line, white PVC with stainless steel paddle. 16 lbs.

## Silencers



Extra quiet, glass-packed silencers may be used with any make of vacuum pump.

- 57102AA** Silencer with 2"NPT. Fits assemblies with 5 HP pump. 8" in diameter by 33" length. Wt. 25 lbs.
- 57125AA** Silencer with 2.5"NPT. Fits assemblies with 7.5 to 10 HP pump. 10" in diameter by 33" length. Wt. 53 lbs.
- 57103AA** Silencer with 3"NPT. Fits assemblies with 15 HP pump. 10" in diameter by 51" length. Wt. 75 lbs.
- 57104TT** Silencer with 4"NPT. Fits assemblies with 20 to 25 HP pump. 14" in diameter by 53" length. Wt. 139 lbs.
- 57106AA** Silencer with 6" Flange. Fits assemblies with 30 or 40 HP pump. 18" in diameter by 72" length. Wt. 281 lbs.
- 57108AA** Silencer with 8" Flange. Fits assemblies with 50 to 60 HP pump. 22" in diameter by 98" length. Wt. 715 lbs.

## Lobe Pump Wash System



Lobe Pump Wash System is used to clean rotary lobed vacuum pumps and blowers. It is easily installed on most lobed pump systems and is available with 120/230V electrical components to match the milking equipment automatic wash system.

We recommend Coburn Vacuum Pump Cleaner, a neutral, ready-to-use degreasing cleaner which removes dust, dirt and milkfat from lobed vacuum pumps. Cleaner is metered to the vacuum pump inlet air stream during the daily wash cycle to automatically clean the rotor lobes. The timer is programmed to deliver the precise amount of Cleaner required for the pump, in most cases a very small amount. Daily cleaning helps prevent the build-up of milkfat and other residues. Our Cleaner also contains a rust inhibitor to protect the pump from rust and corrosion.

The Cleaning System includes peristaltic pump with control, straight injector, and 10 ft. of chemical tubing.

- 1205300** Cleaning System, complete. CSA-approved. Wt. 3 lbs.
- 1209553** Tube Kit.
- 1209556** Pump cartridge.
- 5600-1** Coburn Vacuum Pump Cleaner, one-gallon jug. Wt. 8.25 lbs.
- 5600-5** Coburn Vacuum Pump Cleaner, five-gallon pail. Wt. 42 lbs.

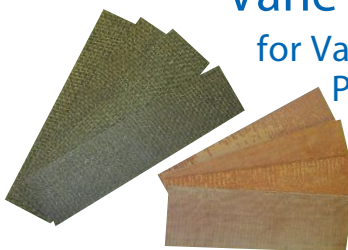
## Foam Filter for Alamo Pumps



Replacement Foam Pre-filter fits Alamo Vacuum Pumps 1200, 1400 and earlier models. Filter is made of white polyurethane foam and is 13" in diameter and 1/2" thick. Pkg. of 2 filters.

- 160317** Repl. Foam Filter for Alamo.

## Replacement Vane Sets for Vacuum Pumps



- VN03FB91A** Vanes for OL03CC91 Pump, set/4.
- VP76484** Vanes for Alfa Laval 76 Pump, set/4.
- VP77605** Vanes for Alfa Laval 77 Pump, set/4.
- VP78766** Vanes for Alfa Laval 78 Pump, set/4.
- 130101** Vanes for FR3/3A Pump, set/4.
- 130111** Vanes for FR4/4A Pump, set/4.
- 500/077** Vane for 100/030 CTA Pump
- 500/078** Vane for 100/040 CTA Pump
- 500/079** Vane for 100/050 CTA Pump
- 500/080** Vane for 100/060 CTA Pump
- 9001557** Vane for One-Animal EcoMilker, set/4.
- 9001558** Vane for Two-Animal EcoMilker, Set/4.

## Anti-Reversing Valves



Raincap-Style



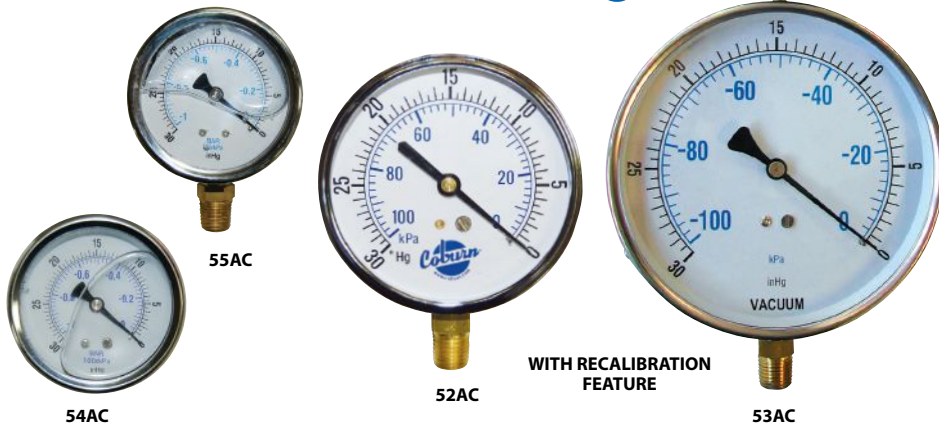
1520AR

Raincap-Style Anti-Reversing Valves are for vacuum pumps or any kind of exhaust pipe. They have a hinged cover and are made of stamped metal with gray powder-coat finish. Raincap-style valves are engineered to open with the slightest pressure and to close tightly and instantaneously when exhaust stops.

The 1520AR model has a rubber cap and comes with a hose clamp to fit 1.5" or 2" openings.

- 16906** Raincap-Style Valve for 2.25"
- 16907** Raincap-Style Valve for 2.5"
- 16910** Raincap-Style Valve for 3.5"
- 16912** Raincap-Style Valve for 4.25"
- 1520AR** Anti-Reversing Valve for 1.5"-2"

# Vacuum Gauges



Vacuum gauges assure accurate readings of line vacuum and provide for constant monitoring and maximum herd protection. Large dials are easy to read at a distance. Threaded for 1/4" NPT. Factory calibrated for accuracy. Dual scale, Hg and KPA/Bar. Glycerine-fill feature improves accuracy by providing a cushion against vibration.

- 52AC** Vacuum Gauge, bottom mount, black painted cover, 3-7/8" diameter. Wt. 9 oz.
- 53AC** Vacuum Gauge, bottom mount, stainless steel cover, 5" diameter. Wt. 13 oz.
- 54AC** Glycerine-filled Vacuum Gauge, stainless steel cover, 1/4" NPT back mount, 2-5/8" diameter. Wt. 8 oz.
- 55AC** Glycerine-filled Vacuum Gauge, stainless steel cover, bottom mount, 2-5/8" diameter. Wt. 8 oz.

# Digimet 3000 Vacuum Monitoring System



**Digimet Unit**

**Digimet Printer**



**Complete Digimet Kit with Case**

The Digimet 3000 is a 5-key, hand-held battery operated microprocessor-based meter which reads a variety of vacuum and pulsation characteristics in the milking system. The Digimet is now improved with the addition of a serial port and a variety of additional internal features.

The Digimet 3000 displays average, maximum, and minimum vacuum level, fluctuation level, pulsator ratio, pulses per minute, milk/rest ratio. Computer programs (both DOS and Windows) are included to allow numerical and waveform data to be named, saved and then uploaded to your computer for filing, insertion into other programs, or printing. Features a dual scale for inches Mercury (Hg) or kPa.

- 3000DB** Basic Digimet 3000. Includes processor/readout unit with preloaded computer programs, computer cable, misc. fittings, case and carrying strap.
- 3000DBS** Basic Digimet 3000 as described above, Spanish version.
- 3000DP** Digimet Printer. 4" X 4" X 2" unit prints characters and graphics on a strip of paper. Includes cables, paper roll, and AC transformer.
- 3000DC** Complete Digimet 3000. Includes Basic Unit plus the Digimet Printer and large Carrying Case. Ready to printout data in the milking pit.
- 3000DCS** Complete Digimet 3000 as described above, Spanish version.

# Solar-Powered Digital Vacuum Gauge



**56AC**

This digital vacuum gauge features large display in a 4-1/2" black glass reinforced weatherproof thermoplastic case. Solar power means no batteries to change. Displays 0-30" HG or equivalent in kPa scale. Accuracy is plus or minus .5% within a temperature range of 23 to 122F (-5 to 50C). 1/4" male NPT lower mount.

The unit is moisture-resistant, splash-proof, calibratable and may be adjusted to change the alarm points. Manufactured and tested under strict ISO standards.

**56AC** Solar-Powered Vacuum Gauge, Wt. 2 lbs.

# Vacuum Gauge Kit for OMEGA Pumps

**Recommended  
for high altitude  
installations**



Vacuum Gauge has stainless steel case and is glycerine-filled to cushion against vibration. Gauge is factory-calibrated for accuracy and has a dual scale, Hg and KPA, which is easily read from a distance. Kit is ready to install on Omega Vacuum Pumps or any pump with 1/4" opening. Kit includes Gauge, pipe nipple, elbow, coupling and instructions.

**OMEGA55AC** Vacuum Gauge Kit. 1 lb.

Vacuum Equipment





# Variable Speed Drive

Vacuum Equipment

The Mitsubishi Variable Speed Drive System is designed to provide accurate vacuum level control on modern dairy farms. The control is programmed to follow a vacuum level set by the operator of the dairy. This level is maintained by the use of a Vacuum Transducer mounted in the Vacuum line and connected back to the VSD. The Transducer provides a constant feedback to the VSD which in turn changes the speed based on system demand.

Using the keypad, the desired vacuum level is entered and the VSD will maintain that reading at all times. During milking the VSD will vary in speed to keep the set point satisfied. The VSD updates the feedback loop as many as 50 times per second, therefore ensuring the rapid response to changes in the vacuum level of the system.

Adjustments can be made to increase or decrease the responsiveness of the system. Factory pre-sets are most common without any changes necessary. Transducer and Cord Set are required accessories for operation of the VSD.



- Standard Nema 1 enclosed
- Adjustable vacuum set point
- Automatic vacuum regulation through the use of a line mounted transducer (sold separately)
- Simple fine tune adjustments for added flexibility
- Vacuum bypass switch contact for full speed operation
- Ultra-fast vacuum signal response update (up to 50 times per second)
- Simple installation

- 101-2050 Mitsubishi VSD System for 5HP motor for single phase 230V power.
- 101-2075 Mitsubishi VSD System for 7.5HP motor for single phase 230V power.
- 101-2100 Mitsubishi VSD System for 10HP motor for single phase 230V power.
- 101-2150 Mitsubishi VSD System for 15HP motor for single phase 230V power.
- 101-2200 Mitsubishi VSD System for 20HP motor for single phase 230V power.
- 101-2250 Mitsubishi VSD System for 25HP motor for single phase 230V power.
- 101-2300 Mitsubishi VSD System for 30HP motor for single phase 230V power.
- 101-4100 Mitsubishi VSD System for 10HP motor for three phase 460V power.
- 101-4150 Mitsubishi VSD System for 15HP motor for three phase 460V power.
- 101-4250 Mitsubishi VSD System for 20HP motor for three phase 460V power.
- 101-4250 Mitsubishi VSD System for 25HP motor for three phase 460V power.
- 101-4300 Mitsubishi VSD System for 30HP motor for three phase 460V power.
- 101-9001 Vacuum Transducer for VSD, 0-30" Hg, required.
- 101-9002 Cord Set for Mitsubishi VSD System, required.
- 101-9003 Relay for Mitsubishi VSD System.
- 101-9004 Socket Base for Mitsubishi VSD System.

# CTA Vacuum Pumps

Pumps come complete with Silencer, Oiler, Pulley and zinc terminal valve. Pump performance, or CFM, varies according to motor size, ambient temperature, humidity, air pressure, elevation, and many other factors. The CFM's and RPM's on the chart indicate the pump's performance at sea level, at 68°F and with the motor size specified.

### CTA PUMP DATA CHART

Part Nu.	Motor HP / KW	RPM	CFM/ LT Empty	Wt.
100/060	1.5HP / 1.1 KW	1400	12 CFM/ 350 Lt	46 lbs.
100/050	2HP / 1.5 KW	1250	17 CFM/ 500 Lt	78 lbs.
100/040	3HP / 2.2 KW	1250	26 CFM/ 750 Lt	82 lbs.
	or 2HP / 1.5 KW	1100	21 CFM/ 600 Lt	
100/030	4HP / 3 KW	1200	35 CFM/ 1000 Lt	121 lbs.
	or 3HP / 2.2 KW	900	32 CFM/ 900 Lt	



- 500/077 Vane for 100/030 Pump
- 500/078 Vane for 100/040 Pump
- 500/079 Vane for 100/050 Pump
- 500/080 Vane for 100/060 Pump
- 500/100A Universal Oiler



# Vacuum Pump Oil

Non-foaming Vacuum Pump Oil flows freely even at low temperatures. Rust-inhibiting and will not form sludge. Save—order by the case.

931 Pump Oil, Qt. 2.5 lbs. Carton of 12 weighs 25 lbs.

932 Pump Oil, Gal 8 lbs. Carton of 6 weighs 49 lbs.



# Synthetic Vacuum Pump Oil

Kaeser Pump Oil is a special synthetic oil especially recommended for Kaeser pumps. It requires changing much less often than ordinary petroleum-based oils.

SB320 Kaeser Pump Oil. Quart.



# KAESER

## Vacuum Pumps

### KAESER PUMP DATA CHART

These specifications apply to Bare Pumps and Pumps in Assemblies.

#### Omega Tri-Lobe

	HP	Vac. level	Wt.	RPM/%Speed	BHP	*CFM	*Ltrs/Sec	dB level
OMEGA22P	7.5HP	13.5"	84 lbs.	4674/78%	6.4	80	38	84
OMEGA23P	10HP	13.5"	99 lbs.	4735/82%	8.7	116	55	88
OMEGA41P	15HP	13.5"	201 lbs.	4261/85%	13.7	190	90	89
OMEGA42P	20HP	13.5"	238 lbs.	4209/85%	18	252	119	90
OMEGA43P	25HP	13.5"	273 lbs.	3574/79%	22	317	150	90
OMEGA52P	30HP	13.5"	377 lbs.	3300/75%	27.4	382	178	89

\* CFMs and Ltrs/sec in this chart are computed at sea level, 68° Fahrenheit ambient temperature at the vacuum levels as listed.

Pump performance varies according to ambient temperature, humidity, air pressure, elevation, and many other factors. The CFM and Ltrs/sec listed indicate the pump's performance at sea level at 68°F at the vacuum level given. Call or email to take advantage of our **Computer-Assisted Pump Sizing Program** which considers all the variables and recommends the right size pump for the job. Inquire about larger pumps, available by special order.

Call 800-776-7042 Email info@coburn.com

**Kaeser Vacuum Pumps are backed by a 24-Month Warranty against defects in material and workmanship.**



#### KAESER OMEGA PUMPS

- Machined one-piece rotor assemblies
- High strength housing with cast iron endplates
- Heavy duty bearings & shafts
- Perfectly matched timing gears
- Reliable splash lubrication
- Dependable sealing and manufacturing
- Free quart of oil



#### Omega Tri-lobe Pumps

#### KAESER OMEGA TRI-LOBE

- Improved vacuum-producing technology
- Reduced pressure pulsations
- Lower noise levels

Vacuum Equipment

## THE Coburn COMPACT Vacuum Pump Assembly

Coburn Compact featuring the Kaeser Vacuum Pump, is a complete vacuum pump assembly occupying a minimum amount of space in the milking barn or parlor. The smallest is only 32"L by 21"W by 37"H. The Coburn Compact is shipped fully assembled with Kaeser Pump, compact stand, silencer, belt guard, drive package and remote oil drain.

See the Master Chart in the "Bare Pump" section for information on pump performance. Pump performance varies with the environment, so we offer our Computer-Assisted Pump Sizing Program to help select the right pump for conditions. Please call for information.

The Compact Assembly includes durable grey stand and belt guard with easy belt tension adjustment. The D33 series combination chamber absorptive-type discharge silencer is replaceable, if needed. Compacts are shipped completely assembled. Specify with or without motor.

#### Compacts with Omega TRI-LOBE Pumps:

OMEGA22PC-7.5V	Tri-Lobe Compact with 7.5HP motor. 32"L x 21"W X 37"H. Wt. 428 lbs.
OMEGA22PC-7.5VX	Tri-Lobe Compact without motor. Wt. 270 lbs.
OMEGA23PC-10V	Tri-Lobe Compact with 10HP motor. 32"L x 21"W X 37"H. Wt. 450 lbs.
OMEGA23PC-10VX	Tri-Lobe Compact without motor. Wt. 285 lbs.
OMEGA41PC-15V	Tri-Lobe Compact with 15HP motor. 50"L X 30"W X 43"H. Wt. 714 lbs.
OMEGA41PC-15VX	Tri-Lobe Compact without motor. Wt. 491 lbs.
OMEGA42PC-20V	Tri-Lobe Compact with 20HP motor. 50"L X 32"W X 48"H. Wt. 839 lbs.
OMEGA42PC-20VX	Tri-Lobe Compact without motor. Wt. 564 lbs.
OMEGA43PC-25V	Tri-Lobe Compact with 25HP motor. 50"L X 32"W X 48"H. Wt. 1001 lbs.
OMEGA43PC-25VX	Tri-Lobe Compact without motor. Wt. 605 lbs.
OMEGA52PC-30V	Tri-Lobe Compact with 30HP motor. 31"L X 69"W X 53"H. Wt. 1417 lbs.
OMEGA52PC-30VX	Tri-Lobe Compact without motor. 31"L X 69"W X 53"H. Wt. 985 lbs.



Remote Oil Drain



# PVC Vacuum Balance Tanks



## Horizontal Tanks

Vacuum Balance Tanks feature full 1/2" thick PVC construction and are absolutely moisture-proof, rust-proof, and corrosion-proof. End caps feature four inch solvent-weld and are domed for strength. Mounting kit and 1 1/2" drain are included. If standard sizes are not suitable, we will customize a tank for you. Specify length (up to 12 ft.) and number, size and placement of openings.

Tanks are packaged in 350-lb. double-wall corrugated box with expanded polystyrene corner pads. 30 Gallon Tanks are UPS shippable. Larger sizes ship via truck.

**160212** 30 Gallon Horizontal Balance Tank with 3" openings, hanging straps included. 55 lbs.

**160213** 50 Gallon Horizontal Balance Tank with 3" openings, hanging straps included. 80 lbs.

**160226** 100 Gallon Horizontal Balance Tank with eight 4" inlets, hanging straps included. 160 lbs.

**160202** Replacement Drain, 1-1/4".

**160235** Replacement Drain, 1-1/2".

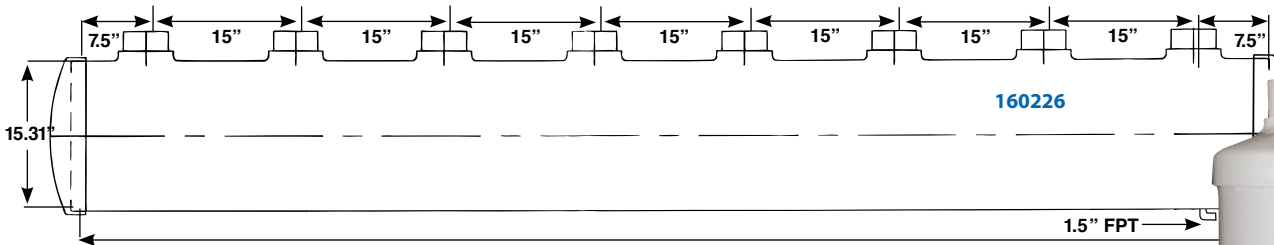
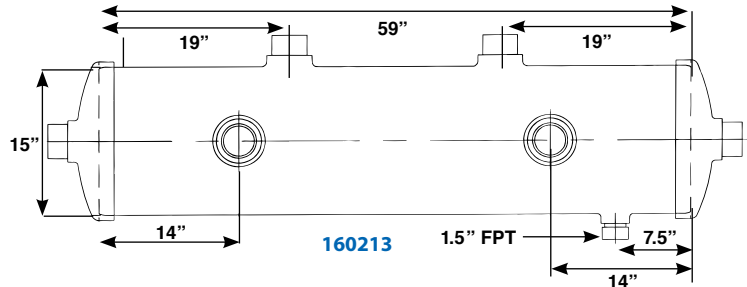
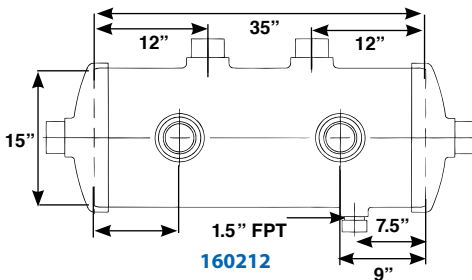
**160229** Repl. Blank End Cap for 15" tank.

**160230** Repl. End Cap for 15" tank with one 3" inlet.

**160231** Repl. End Cap for 15" tank with three 3" inlets.

**160232** Repl. End Cap for 15" tank with 1-1/4" drain opening.

**160236** Repl. End Cap for 15" tank with 1-1/2" drain opening



## Vertical Tanks

Vacuum Balance Tanks feature full 1/2" thick PVC construction and are absolutely moisture-proof, rust-proof, and corrosion-proof. End caps feature four inch solvent-weld and are domed for strength. Mounting kit and 1-1/2" drain are included. If standard sizes are not suitable, we will customize a tank for you. Specify length (up to 12 ft.) and number, size and placement of openings. Standard port openings are 3 inches.

Tanks are packaged in 350-lb. double-wall corrugated box with expanded polystyrene corner pads. 30 Gallon Tanks are UPS shippable. Larger sizes ship via truck.

**160210** 30 Gallon Vertical Balance Tank with stand. 57 lbs.

**160209** 40 Gallon Vertical Balance Tank with stand. 72 lbs.

**160202** Replacement Drain, 1-1/4".

**160235** Replacement Drain, 1-1/2".

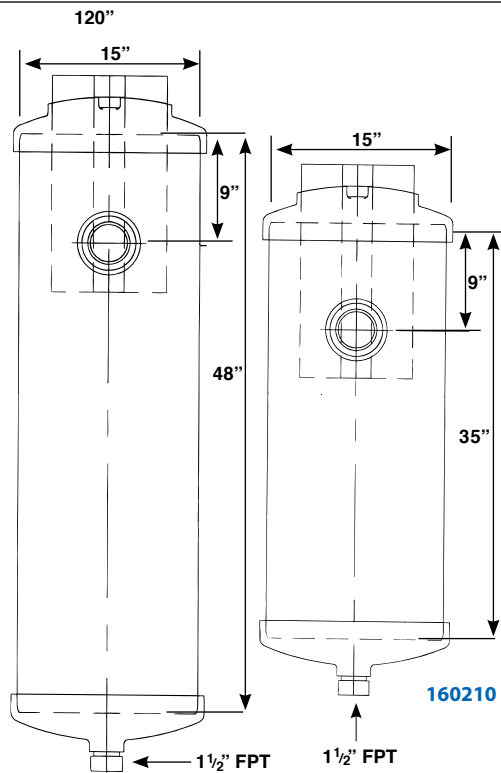
**160229** Repl. Blank End Cap for 15" tank.

**160230** Repl. End Cap for 15" tank with one 3" inlet.

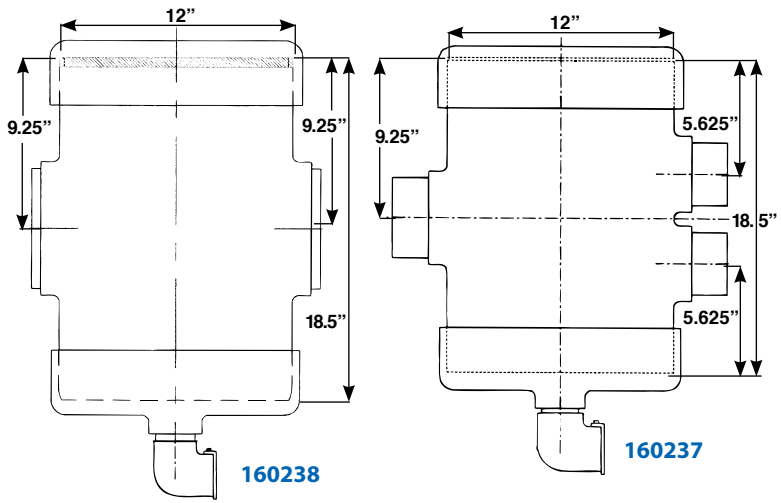
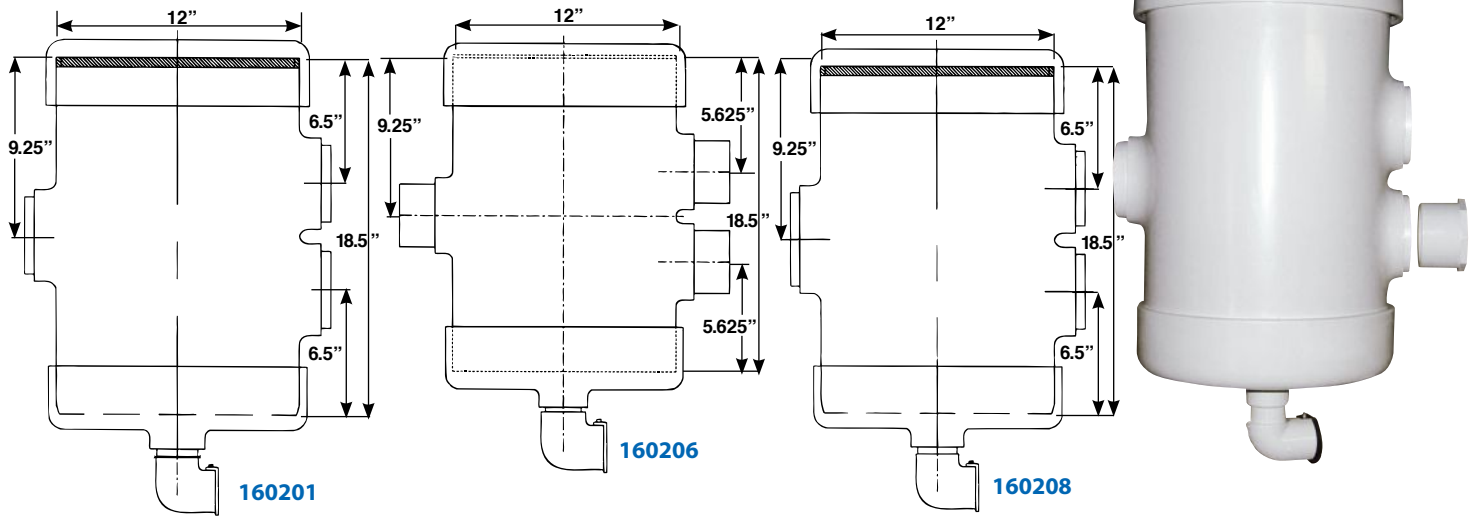
**160231** Repl. End Cap for 15" tank with three 3" inlets.

**160232** Repl. End Cap for 15" tank with 1-1/4" drain opening.

**160236** Repl. End Cap for 15" tank with 1-1/2" drain opening



# PVC Vacuum Pre-Filters



PVC Vacuum Pre-Air Filters for Double or Single Vacuum Line include automatic drain valve assembly, gasketed removable lid, and washable filter with baffle. A plug is included to seal off the unneeded outlet in single configuration.

Pre-Air Filters are packaged in 350-lb. double-wall corrugated box with expanded polystyrene corner pads and are UPS shippable.

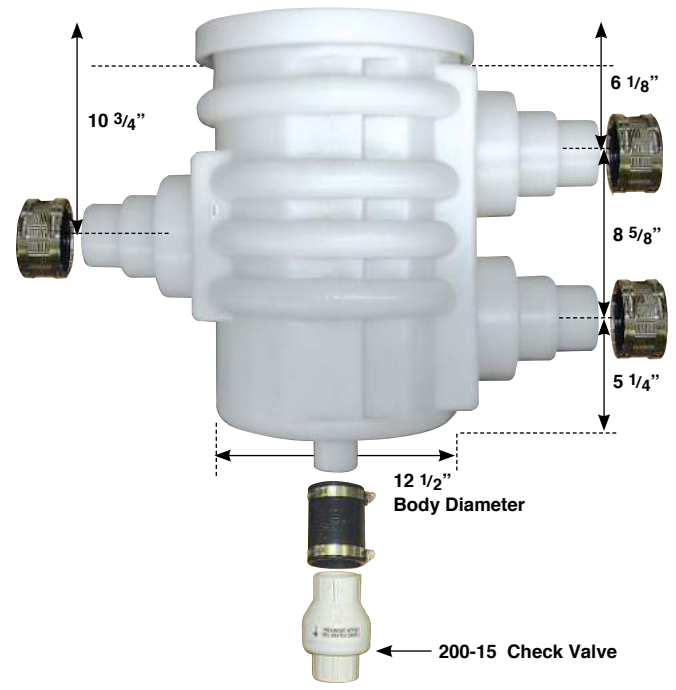
- 160201** Vacuum Pre-Air Filter with 3" pump connection for 3" single or double vacuum line. 30 lbs.
- 160206** Vacuum Pre-Air Filter with 4" pump connection for 4" single or double vacuum line. 32 lbs.
- 160208** Vacuum Pre-Air Filter with 4" pump connection for 3" single or double vacuum line. 29 lbs.
- 160237** Vacuum Pre-Air Filter with 6" pump connection for 4" single or double vacuum line. 30 lbs.
- 160238** Vacuum Pre-Air Filter with 6" pump connection for 6" single vacuum line. Wt. 30 lbs.
- 160233** Repl. Lid Gasket for Pre-Air Filters.
- 160234** Repl. 12" Cover for Pre-Air Filters.
- 160211** Repl. Washable Filter for Pre-Air Filters, 11.5"W x 18.5"L x 3/8"
- 160214** Repl. S. S. screen with PVC frame for old-style Pre-Air Filters, dimensions 10-7/8" x 18" x 5/16"
- 160235** Repl. PVC Drain only.
- 160205** Repl. Baffle for Pre-Air Filters



## Poly Vacuum Pre-Filters

Polyethylene Vacuum Pre-Air Filters are more economical than PVC and very sanitary as they have the advantage of being molded in one piece eliminating the crevices that could trap dirt and germs. Our Pre-Filters include automatic drain valve, clamps, gasketed removable lid, and stainless steel filter screen. A cap is included for closing off the unused vacuum line in single configurations.

- 160201P** Vacuum Pre-Air Filter with 3" pump connection for 3" single or double vacuum line. Wt. 30 lbs.
- 160206P** Vacuum Pre-Air Filter with 4" pump connection for 4" single or double vacuum line. Wt. 27 lbs.
- 160208P** Vacuum Pre-Air Filter with 4" pump connection for 3" single or double vacuum line. Wt. 27 lbs.
- 160237P** Vacuum Pre-Air Filter with 6" pump connection for 4" single or double vacuum line. Wt. 27 lbs.
- 160238P** Vacuum Pre-Air Filter with 6" pump connection for 6" single vacuum line. Wt. 27 lbs.
- TCC31474** Replacement Stainless Steel Screen, 10-7/8"W x 19"L x 5/16".
- ETBC-001** Replacement Gasket for Pre-Filter Cover.
- 200-15** Replacement PVC Check Valve (drain) 1.5 X 2".







## Vacuum Regulator

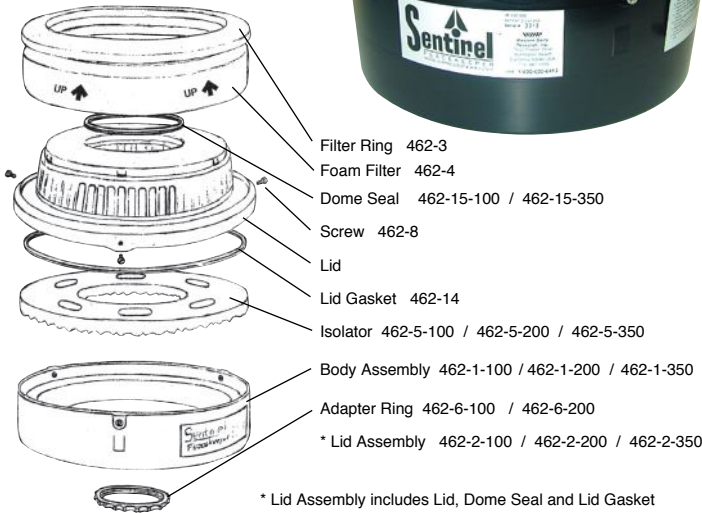
Servo-style Vacuum Regulator is ideal for pipelines or portable milking operations. Accurate, quiet and easy to install, this Regulator reads vacuum levels up to 3000 LPM (105 CFM). Regulator has two washable replaceable filters. 1" pipe mount.

**173-02010** Coburn Vacuum Regulator. Wt. 2.5 lbs.  
**173-02031** Repl. Foam Filters, sold each.  
**173-02020** Repl. Upper Diaphragm.  
**173-02024** Repl. Lower Diaphragm.

Vacuum Equipment



## The Peace Keeper



The Peacekeeper is a combination noise suppressor and air filter providing a large washable filter and effective reduction of the noise created by air flow into the controller. Tests show that the Peacekeeper can cut 10 to 15 decibels off existing noise level.

- 462-100** Peacekeeper for model M100 Controller
- 462-200** Peacekeeper for Mark II
- 462-350** Peacekeeper for models M350 and M500
- 462-4** Replacement Foam Filter

## Repair Parts

for Fullwood/Bou-Matic Vacuum Regulator

- Replacement parts fit Fullwood/BouMatic (Blue) Vacuum Regulator 3500 l/min with 1" fitting.
- 1790000** Repair Kit for Fullwood/BouMatic Regulator (including all parts shown).
  - 17910-00** Repl. Top Filter only.
  - 1799120** Repl. Foam Filter only.
  - 1799140** Repl. Seal Ring only.



## Sentinel Vacuum Controller

**Sentinel 350**  
**Sentinel 500**

**160224**  
**Replacement**  
**Air Filter**

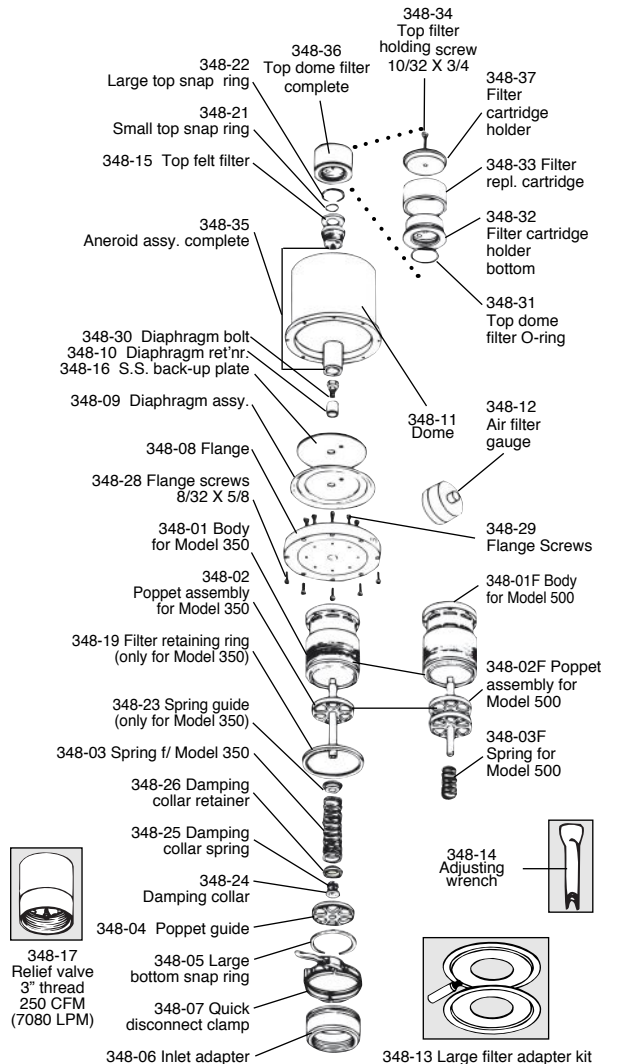


Model 350 and 500 Sentinel Vacuum Controllers feature direct sensing and are sensitive to .1" hg of change. They may be adjusted between 10" and 15" hg. Female NPT mounting connections. These large capacity controllers are 7" in diameter and 12.5" in height.

**M350** Model 350 Controller for maximum 350 CFM ASME (9900 LPM), 3" female NPT. Wt. 10 lbs. Normal air bypass to operate is 15 CFM (425 LPM).

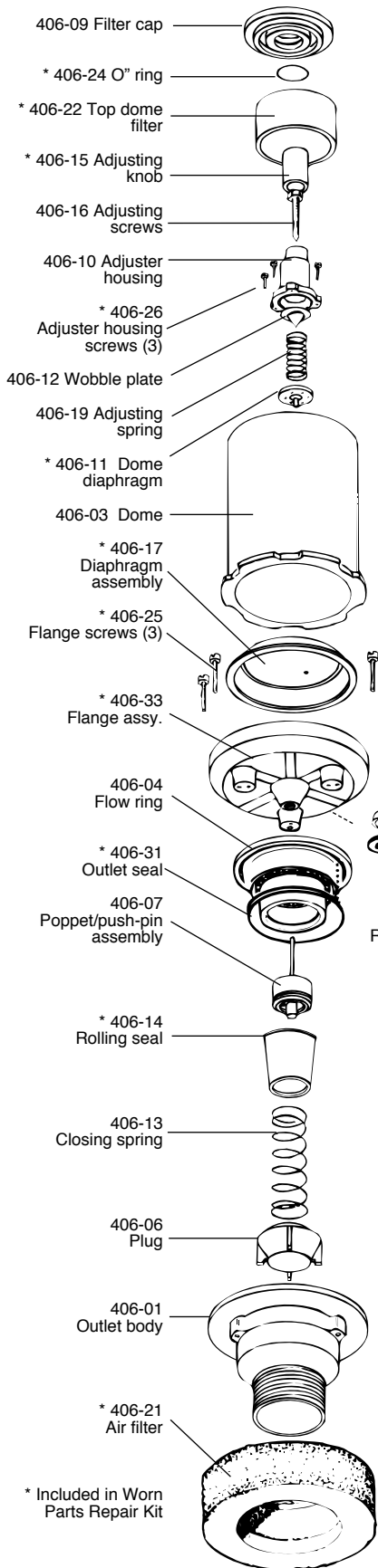
**M500** Model 500 Controller for maximum 500 CFM ASME (14,160 LPM), 3" female NPT. Wt. 10 lbs. Normal air bypass to operate is 25 CFM (700 LPM).

**348-17** Relief Valve. Protects against occurrences of high vacuum. For systems with CFMs over 250 (LPMs over 7080), two are recommended.  
**160224** Replacement Air Filter

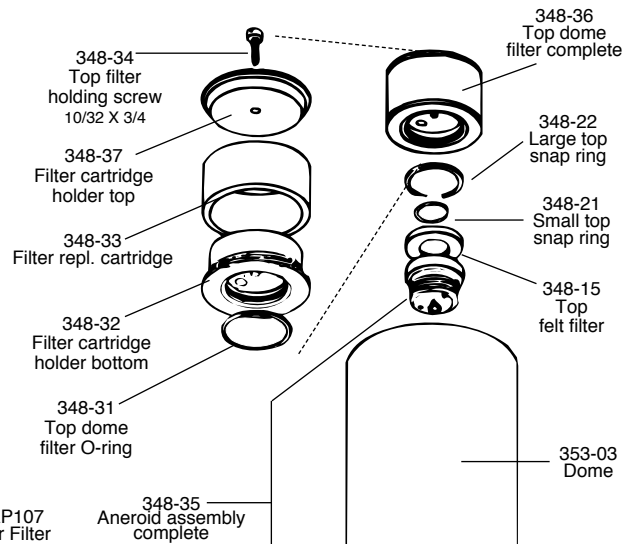


# Sentinel Vacuum Controllers

## Sentinel Model 100



Model 100 Sentinel Vacuum Controller features direct sensing and is sensitive to .1 hg of change. May be adjusted between 10" and 15". Female NPT mounting connections. 5" in diameter and 12" high.  
**M100** Model 100 Controller for maximum 150 CFM ASME (4250 LPM). 1.5" female NPT. Normal air bypass to operate is 10 CFM (285 LPM). Wt. 4 lbs.

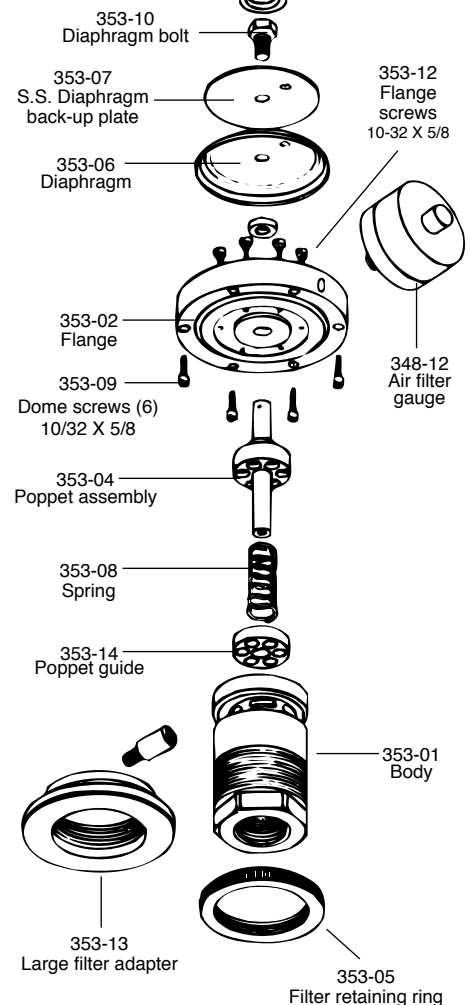


## Sentinel Mark II



The MarkII Sentinel Vacuum Controller has ABS plastic housings and features direct sensing which is sensitive to .1 hg of change. May be adjusted between 10" and 15". It has a top dome filter, a main filter, and is 6" in diameter and 11-1/4" high.  
**MKII** Mark II Controller for maximum 150 CFM ASME (4250 LPM). 2" male NPT. Wt. 1-1/4 lbs.  
**WPRK-01** Worn Parts Repair Kit. Parts marked with \* are included.

**RV-463** Relief Valve. Safeguards the system against high vacuum incidents. For models MKII and M100. 2" thread, 100 CFM (2800 LPM)







# STABILVAC Vacuum Regulators

Vacuum Equipment



The Stabilvac Vacuum Regulator from Interpuls was designed to control the vacuum system with extreme accuracy. Stable and reliable vacuum is essential to the consistent operation of the milking system and to maximize animal health and milk production. Reliability is especially important in new, high airflow milking systems.

All models operate on the servo principle where a separate sensor, the servo pilot valve, senses the line vacuum, compares it to a pre-set value, then signals the main control valve to adjust airflow to maintain the pre-set value. This system senses very accurately, conserves vacuum and is very quiet. The design of the Stabilvac allows quick installation and cleaning and servicing in less than 10 minutes. The Monoblock style combines the servo valve and the main control valve while the Separate style separates the two as shown.

Optional Safety Valve is designed to work exclusively with the Stabilvac's to provide safe milking vacuum. In the unlikely event of regulator malfunction, the Safety Valve assures a safe vacuum level.

- 5009008** Stabilvac Monoblock 4000, 88-124 CFM. Wt. 3 lbs.
- 5009009** Stabilvac Monoblock 6000, 124-186 CFM. Wt. 3 lbs.
- 5009010** Stabilvac Separate 4000, 88-124 CFM. Wt. 3 lbs.
- 5009011** Stabilvac Separate 6000, 124-186 CFM. Wt. 3 lbs.
- 5019002** Stabilvac Monoblock 3600, 35-106 CFM. Wt. 3 lbs.
- 5019001** Stabilvac Monoblock 1500, 12-35 CFM. Wt. 1 lb.
- 5029001** Safety Valve for Mono-block 4000 and 6000.
- 5029002** Safety Valve for Separate 4000 and 6000.

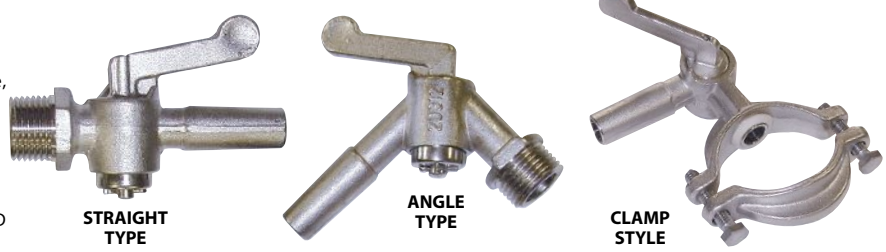
**REPLACEMENT PARTS**

- 5009003** Pilot valve for 4000 & 6000 models
- 5000026** Valve Cone for main control valve 4000 & 6000 models
- 5000041** Servo O-ring for pilot valve
- 5000032** Servo diaphragm for pilot valve
- 5000043** Filter for pilot valve, 1/pkg., 2 required.
- 5000042** Filter for main control valve 4000 & 6000 models, 1/pkg., 4 required.
- 5000005** Diaphragm for main control valve all models
- 5000016** Stabilizing Spring for main control valve 4000 & 6000 models
- 5000015** Diaphragm plate for main control valve 4000 models
- 5000017** Diaphragm plate for main control valve 6000 models
- 5000012** Stabilizer for 4000 models
- 5000011** Stabilizer for 6000 models
- 5010051** Stabilizer for 1500 model
- 5010053** Stabilizer for 3600 model
- 5010039** Round filter for 1500 & 3600 models
- 5010062** Filter for 1500 & 3600 models

## Stall Cocks

Nickel-plated Brass Stall Cocks have large diameter passage, positive On-Off and NPT thread. Fine quality economically priced!

- 12S** Straight Stall Cock; 1/2" thread. 8 oz.
- 12A** Angle Stall Cock; 1/2" thread. 8 oz.
- 38S** Straight Stall Cock; 3/8" thread. 8 oz.
- 38A** Angle Stall Cock; 3/8" thread. 8 oz.
- 3200003** Clamp Style Angle Stall Cock fits up to 1-1/4" to 1-1/2" OD vacuum pipe. Washer included.



## Stabilvac Relief Valves



Stabilvac 1400 Vacuum Relief Valve works over a range of 36 to 50 kPa (11" to 15" Hg) and has a capacity of 1400 liters/min at 50 kPa (49 cfm at 15" Hg.)  
**5049001** Stabilvac 1400 Vacuum Relief Valve with 1" NPT.



Stabilvac 600 Vacuum Relief Valve is ideal for small systems or portable milking machines. 10 - 21 CFM capacity, 3/4" NPT. Wt. 0.2 lbs.  
**5069001** Relief Valve for Stabilvac 600 Regulator.

## Vacuum Relief Valve



Valve is all brass with stainless steel springs and nylon poppets with nitrile seals. Valve has up to 15 CFM capacity and a maximum temperature of 250°F. Wt. 0.15 lbs.  
**VR38-100** Vacuum Relief Valve, Brass Adjustable, 3/8" NPT

## Pipeline Relief Valve



Black plastic Relief Valve is the choice for low cost and dependability. Adjustable spring, plastic cover, unbreakable. 7-10 CFM capacity.  
**3400018** Black Plastic Relief Valve. 3/4" BSPP.

# AMBIC<sup>®</sup>

## Dip Cups



Multi Foamer™

**Non-Return Cup** is widely used for the important tasks of pre- and post-dipping. Has a deep inner liner, keeping used dip from returning to the reservoir.

**Twin-Tube Non-Return Cup** is recommended for barrier dips and other highly viscous dips. Two tubes help fill reservoir more efficiently.

**MiniDipper Non-Return Cup** has a shallower cup and uses half as much dip per use – only 1/2 oz. Great for smaller treated animals. (15ml).

**Standard Return Cup** is the original Ambic dip cup without the non-return feature.

**MultiFoamer Dip Cup** features consistent foam generation, easy cleaning, built-in valve protection, and suitability for various types of foaming chemicals. Thick clinging foam will not drip or run and stays in contact with the treat for a longer time.

**UniDipper** is a fully non-return lateral-style low-profile dip cup suitable for goats, sheep, and low-uddered cows. Features twin-tubes to work with any kind of dip.



Cup Holders

Storage Caps

- ADC120\* Non-Return Cup
- ADC121\* Twin-Tube Non-Return Cup
- ADC125\* MiniDipper Non-Return Cup
- ADC100-06 Standard Return Cup, blue
- ADC150\* MultiFoamer Cup
- ADC160\* UniDipper Non-Return Cup
- ADC107\* Dip Cup Holder
- ADC106\* Dip Cup Storage Cap
- ADC101-00 Repl. Bottle only
- ADC151\* MultiFoamer Service Pack. Includes 3 filter disks and 1 air inlet.
- ADC152 MultiFoamer Service Pack. Includes 1 screw plug and 1 tube.

**\* Add Color Code**  
**-01 Orange**  
**-02 Yellow**  
**-06 Blue**  
**-07 Green**

### CHOOSE THE RIGHT CUP FOR THE RIGHT APPLICATION

Dipper	Non-Return ADC120	Twin Dipper ADC121	Mini Dipper ADC125	Standard ADC100	Multi-Foamer ADC150	UniDipper ADC160
Non-Return	Yes	Yes	Yes	No	No	Yes
Dip Type	Standard	Barrier	Standard	Standard	Foaming	Standard & Barrier
Reservoir Size	30ml	30ml	15ml	30ml	30ml	30ml
For use with	Cows	Cows	Cows	Cows	Cows	Cows, Goats & Sheep
Colors						



DipMizer Cassette on cup

DipMizer™ Cassette-Style

ADM230 Repl. brush cassette style

# AMBIC<sup>®</sup> DipMizer™



DipMizer on cup



ADM030 Repl. brush round style

Cassette-style DipMizer is a 3-part D-shaped unit made of thermoplastic. It works with any Ambic dip cup with the exception of the foaming styles. Available in all 4 colors.

- ADM201\* DipMizer Cassette style, ea.
- ADM203\* DipMizer Cassette style, pkg. of 3
- ADM230 Repl. Brush for cassette, pkg. of 5

DipMizer Dip Saver accessory removes excess dip with every application thus bringing significant savings in chemical use. DipMizer may be fitted onto the EasiDipper or any Ambic manual dip cup with the exception of the MultiFoamer. Original round-cap style is available in all 4 colors. Brush and colored thermoplastic housings are easily taken apart for cleaning or brush replacement.

- ADM101\* DipMizer Round Cap style, ea.
- ADM103\* DipMizer Round Cap style, pkg. of 3
- ADM030 Repl. Brush for round cap, pkg. of 5





## TopDipper™

TopDipper uses only 4cc per cow for significant chemical savings. Long-lasting low density polyethylene plastic cup is designed to resist spilling.

### Standard

- 10-32500 Blue Top Dipper
- 10-32510 Clear Top Dipper
- 10-32520 Green Top Dipper
- 10-32530 Yellow Top Dipper
- 10-32540 Red Top Dipper

### Foaming

- 10-33000 Blue Top Dipper Foamer
- 10-33010 Clear Top Dipper Foamer
- 10-33020 Green Top Dipper Foamer
- 10-33030 Yellow Top Dipper Foamer
- 10-33040 Red Top Dipper Foamer

10-30600 Replacement Bottle Only



## SideDipper™



SideDipper is designed for reaching the back teats and accommodates low-uddered cows with ease. It uses only 4cc per cow for significant dip savings. Low profile design helps reduce spills. Cup is made of long-lasting low density polyethylene.

### Standard

- 10-30000 Blue Side Dipper
- 10-30010 Clear Side Dipper
- 10-30020 Green Side Dipper
- 10-30030 Yellow Side Dipper
- 10-30040 Red Side Dipper

### Foaming

- 10-31000 Blue Side Dipper Foamer
- 10-31010 Clear Side Dipper Foamer
- 10-31020 Green Side Dipper Foamer
- 10-31030 Yellow Side Dipper Foamer
- 10-31040 Red Side Dipper Foamer

10-30600 Replacement Bottle Only

## Electric Teat Dip Pump



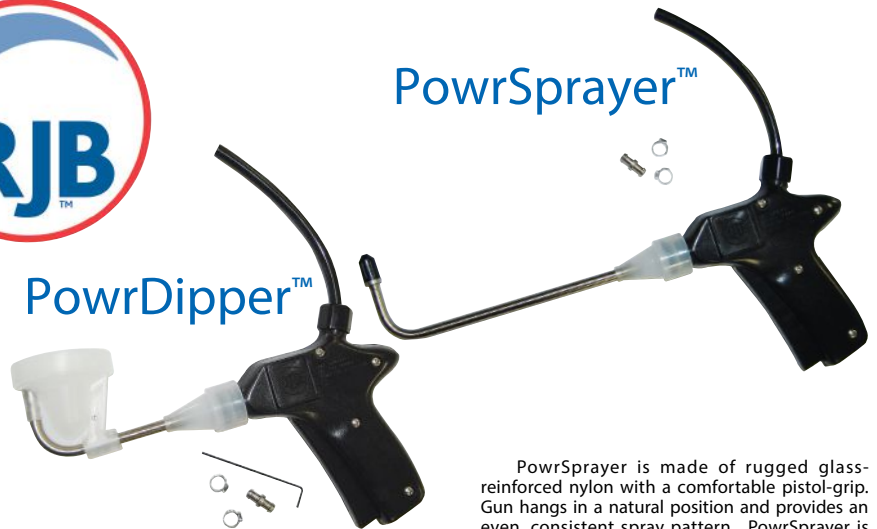
RJB Teat Dip Pump is easy to install by hanging on a wall. Place the intake filter line in the barrel of chemical and pump automatically supplies dip to the drops in parlor or flat barn. Will accommodate 3 drops operating simultaneously. A built-in switch turns pump off when pressure drops. Pump is enclosed in plastic case.

- 10-00115 RJB PowrPump Complete w/Enclosure - 115V.
- 10-01115 Replacement Pump Only f/RJB PowrPump - 115V.
- 10-00230 RJB PowrPump Complete w/Enclosure - 230V.
- 10-01230 Replacement Pump Only f/RJB PowrPump - 230V.



## PowrSprayer™

## PowrDipper™



PowrDipper has a comfortable pistol-grip and is made of rugged glass-reinforced nylon. Cup uses only 4cc per cow and coats the teats with sanitizer from teat end to the udder base. When used with an RJB Teat Dip Pump, studies have shown that the RJB PowrDipper system can save up to 75% in teat dip usage compared to spraying.

### Top Load

- 10-50100 Gun with 6.5" Wand
- 10-50101 Gun with 10" Wand

### Bottom Load

- 10-50110 Gun with 6.5" Wand with 180° Hook
- 10-50120 Gun with 10" Wand with 180° Hook
- 10-50130 Gun with 6.5" Wand and Ball Hook
- 10-50140 Gun with 10" Wand and Ball Hook

PowrSprayer is made of rugged glass-reinforced nylon with a comfortable pistol-grip. Gun hangs in a natural position and provides an even, consistent spray pattern. PowrSprayer is available in many styles to accommodate various types of barns and milking practices.

### Top Load PowrSprayer Gun

- 10-52100 Gun with 6.5" Wand
- 10-52110 Gun with 10" Wand
- 10-52120 Gun with 10" Tilt Back Wand

### Bottom Load PowrSprayer Gun

- 10-52300 Gun with 6.5" Wand & 180° Hook
- 10-52310 Gun with 10" Wand & 180° Hook
- 10-52320 Gun with 10" Tilt Back Wand & 180° Hook
- 10-52900 Gun with 6.5" Wand & 90° Ball Hook
- 10-52910 Gun with 10" Wand & 90° Ball Hook
- 10-52920 Gun with 10" Tilt Back Wand & 90° Ball Hook

Complete repair parts listing available online.

# AMBIC MultiDipper



Ambic MultiDipper is a simple, economical teat dipping system which uses the dairy's own compressed air system and a squeeze of a trigger to fill the dip reservoir. The system works well with both conventional and thicker barrier type dips which are especially tiring to squeeze by hand. The MultiDipper is non-electric, powered by the dairy's compressor at ultra-low pressure for safety and economy. MultiDipper has push-in fittings for simple installation and trouble-free operation. It comes complete with control box and regulator, 3 trigger/bottle units, 3 extra bottles with caps, and all necessary tubes and fittings.

- AMT300** Ambic MultiDipper complete with three applicators. Wt. 15 lbs.
- AMT005** Air Regulator for Ambic MultiDipper.
- AMT004** Applicator for Ambic MultiDipper.
- AMT014** Extension Kit for Ambic MultiDipper.

# AMBIC EasiDipper™



AED4004-06

Button-Style Gun

AED5004-06

AED5004-07

Combines the speed of spraying and the coverage & accuracy of dipping

- Durable approved chemical-resistant materials
- Powered by the vacuum system
- No need for dip cup refilling • Saves time & chemical use

Vacuum-operated EasiDipper brings a continuous supply of teat disinfectant to the applicator with a simple touch of the lever. Refilling bottles and the repetitive action of squeezing bottles is avoided. EasiDipper features an adjustable pressure nozzle to accommodate a range of teat dip viscosities. Add a Dipmizer (available separately) for additional savings on chemical usage.

Dipping provides for better teat coverage than spraying as well as less chemical consumption. Using the EasiDipper is quicker and more convenient than manual dipping. Two colors are available, blue and green, for pre- and post-dipping differentiation.

- AED4000-06** EasiDipper complete with 3 drops, Blue. Wt. 15.5 lbs.
- AED4000-07** EasiDipper complete with 3 drops, Green. Wt. 15.5 lbs.
- AED014-06** Extension Kit Blue incl. 1 applicator, coil and connectors. Wt. 1.5 lbs.
- AED014-07** Extension Kit Green incl. 1 applicator, coil and connectors. Wt. 1.5 lbs.
- AED4004-06** Applicator only, Blue. **AED4004-07** Applicator only, Green.
- AED4006-06** Top for EasiDipper, Blue.
- AED5004-06** Button-Style Applicator, Blue. **AED5004-07** Button-Style Applicator, Green.

Udder Health

# AMBIC Power Foamer



Foam teat dipping is becoming popular for its effectiveness and economy. Farmers are reporting chemical usage reduction of as much as 50%! The high-visibility clinging foam reduces dripping, waste and spillage and the disinfectant stays in contact with the teat for a longer time. As the foam bubbles burst, disinfectant is reapplied continuously. Air-operated PowerFoamer is now improved with a new air diffuser which increases foam volume. Available in blue or green cups.

- APF300** Ambic PowerFoamer, complete with three cups. Wt. 6 lbs.
- APF314** Extension Kit complete including foam applicator, gun, coil, and all necessary fittings.
- APF040-06** Foam Applicator Cup without gun, blue.
- APF040-07** Foam Applicator Cup without gun, green.
- APF404-06** Blue Foam Cup with gun.
- APF404-07** Green Foam Cup with gun.
- APF002** Gun with Adapter only, blue.
- APF006** Retractable coil.

# Coburn® Foam-N-Dip™



Foam-N-Dip™ is a ready-to-use iodine teat dip that contains foaming agents, glycerine and lanolin. Foam provides superior coverage with less dip by extending the time of contact with the teat and by reducing waste and drippage. Foam-N-Dip™ is ideal for use with Ambic foaming dip cups, the RJB foaming dip cups or Ambic PowerFoamer. Contains .6% iodine.

- FD001** Foam-N-Dip™ One-Gallon Jug. Available ea. or case of 4. Wt. 8 lbs.

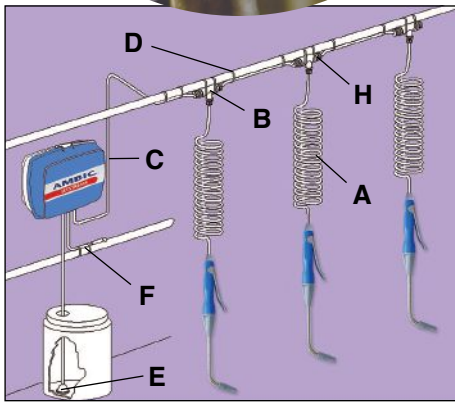


# AMBIC GUNS

Any gun may be used with any Ambic teat spray system.  
Order repair parts per diagrams.



Udder Health



### COILS & CONNECTORS

Ref.	P/N	Description
A	<b>ATS406</b>	Retractable coil, blue
A	<b>ATS406G</b>	Retractable coil, green
B	<b>ATS407</b>	"T" connector
	<b>ATS408</b>	Straight connectors (2)
	<b>ATS409</b>	Connector nuts (6)
C	<b>ATS410</b>	Flexible tubing (20 ft.)
C	<b>ATS500</b>	Flexible tubing (100 ft.)
D	<b>ATS411</b>	15" Cable ties (10)
E	<b>ATS412</b>	Liquid intake filter
F	<b>ATS413</b>	Vacuum pipe adaptor
H	<b>ATS429</b>	Blanking plugs (2)
	<b>ATS438</b>	Repair Kit for Ambic Retractable Coil
	<b>ATS461D</b>	Dragline Fitting for Ambic guns, optional
	<b>ATS461S</b>	Spraymaster Fitting for Ambic guns, optional



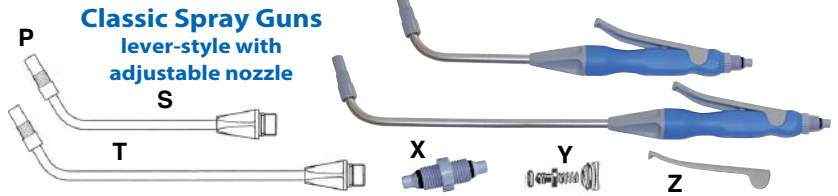
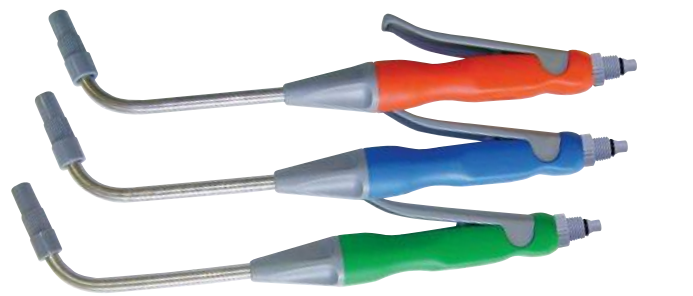
**AJS2055** Spanner Tool for dismantling Guns and Power Units for service



**AJS2026** Inline Vacuum Shut-Off Valve for 1/4" ID Hose



**ATS419** Replacement Intake Filter for Ambic Teat Sprayer Systems and RJB PowrPump Systems. Package of 2.



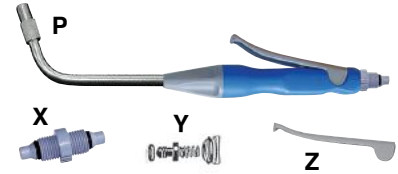
**ATS402C** \* Classic Gun only  
**ATS402EC** \* Classic Gun with Ext. Lance

\* Add Color Code  
-01 Orange -06 Blue -07 Green

### PARTS

Ref	P/N	Description
S	<b>ATS449</b>	S.S. Lance Assy.
T	<b>ATS404E</b>	Ext. S.S. Lance Assy.
P	<b>ATS415</b>	Nozzle tip only
X	<b>ATS461</b>	Gun entry connector w/ O-rings
Y	<b>ATS405</b>	Control Valve Assy. f/ Gun
Z	<b>ATS439</b>	Gun trigger

### Classic Spray Guns lever-style with adjustable stainless steel nozzle



**ATS602** \* Classic Gun with Stainless Steel Tip

\* Add Color Code  
-06 Blue -07 Green

### PARTS

Ref	P/N	Description
S	<b>ATS449</b>	S.S. Lance Assy.
T	<b>ATS404E</b>	Ext. S.S. Lance Assy.
P	<b>ATS615</b>	S.S. Adjustable Nozzle tip including O-ring
X	<b>ATS461</b>	Gun entry connector w/ O-rings
Y	<b>ATS405</b>	Control Valve Assy. f/ Gun
Z	<b>ATS439</b>	Gun trigger

### EasySpray Gun lever-style with fixed nozzle & solid cone spray pattern



**ATS502** \* EasySpray Gun

\* Add Color Code  
-06 Blue -07 Green

### PARTS

Ref	P/N	Description
Q	<b>AJS2415</b>	Nozzle only w/ O-ring
R	<b>ATS504</b>	Lance
Y	<b>ATS405</b>	Control Valve Assy.f/Gun
Z	<b>ATS439</b>	Gun Trigger

### JetStream Guns button-style



**AJS2402** \* Jetstream Button Gun with fixed nozzle  
**AJS2460** \* Extended Jetstream Button Gun with adjustable tip

\* Add Color Code  
-01 Orange -06 Blue -07 Green

### PARTS

Ref	P/N	Description
P	<b>ATS415</b>	Adjustable nozzle tip only
Q	<b>AJS2450</b>	Plastic Lance w/ nozzle
R	<b>AJS2415</b>	Fixed nozzle tip with O-ring
S	<b>ATS449</b>	S.S. Lance w/ nozzle
T	<b>ATS404E</b>	Extended S.S. Lance w/ nozzle
U	<b>AJS2405</b>	Control valve
V	<b>AJS2470</b>	Gun entry fitting
-	<b>ATS438</b>	Ambic gun/RJB connection



### JetStream Power Unit and Repair Parts:



Ref	P/N	Description
	<b>AJS2001</b>	JetStream Power Unit
J	<b>AJS2004</b>	Diaphragm pump
K	<b>AJS2006</b>	Relief valve
	<b>AJS2008</b>	Pipe manifold assembly
	<b>AJS2012</b>	DV manifold assy.
L	<b>ATS425</b>	Directional Valve (DV)
M	<b>ATS436</b>	Pressure reservoir bottle
	<b>ATS444</b>	Primary filters for DV
	<b>ATS442</b>	DV spring
	<b>ATS443</b>	DV diaphragm assembly
	<b>ATS447</b>	Bleed insert for DV
	<b>ATS448</b>	Service Kit for DV (includes spring, primary filter and diaphragm assy.)
	<b>ATS450</b>	Pressure reservoir bottle holder
	<b>AJS2014</b>	Low pressure relief module (40 PSI)
	<b>AJS2016</b>	Standard pressure relief module (50 PSI)
	<b>AJS2018</b>	High pressure relief module (60 PSI)

## JetStream Expandable Automated Teat Sprayer



Teat disinfection is the best preventive against costly mastitis, and the JetStream is the best way to apply all types of recognized teat spray chemicals. Top quality chemical-resistant materials are used throughout with reliability by Ambic, known worldwide for well-designed anti-mastitis technology. JetStream turns itself on or off with the vacuum system eliminating the need for power switches or electricity. The spray guns are operable when they are needed, simultaneous with milking machines. Power Box is expandable up to a 50-gun string.

JetStream system comes with a choice of three guns. The EasySpray gun combines popular lever-styling with a fixed nozzle which provides a solid cone of spray for good teat coverage. The fixed nozzle feature is also available with a button-style gun. The third gun option is the lever-style Classic gun with adjustable nozzle.

The JetStream Power Box has a high-volume diaphragm pump with "Variable Demand Technology" which maintains even spray volume with up to three guns in simultaneous use. The power unit case features snap-in snap-out components for ease of servicing and repair. The smooth plastic case is rounded, rugged and designed for easy installation with a push-in fitting for the vacuum line. Twelve Month Limited Warranty.

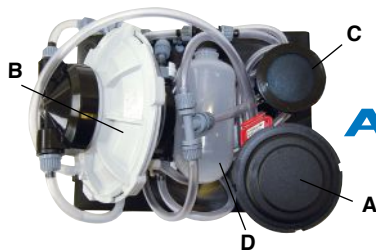
- AJS1000** JetStream Teat Spray System complete with three Classic Style Guns with Adjustable Nozzle, Blue. Wt. 14.5 lbs.
- AJS1500** JetStream Teat Spray System complete with three EasySpray Guns with Fixed Nozzle, Blue. Wt. 14.5 lbs.
- AJS2000** JetStream Teat Spray System complete with three JetStream (button-style) Guns, Blue. Wt. 14.5 lbs.

- AJS2414\*** Extension Kit. Includes one AJS2402 Gun, T-connector, Retractable Coil, nuts and fittings. \*Choose Blue, Green or Orange. Wt. 1 lb.
- AJS2414E\*** Extension Kit with Extended Lance Gun. Includes one AJS2460 Gun, T-connector, Retractable Coil, nuts and fittings. \*Choose Blue, Green or Orange. Wt. 1 lb.
- ATS514\*** Extension Kit with Fixed Nozzle Classic Gun. Includes one ATS502\* Gun, T-connector, Retractable Coil, nuts and fittings. \*Choose Blue or Green.
- ATS414C\*** Extension Kit with Classic Gun. Includes one ATS402C\* Gun, T-connector, Retractable Coil, nuts and fittings. \*Choose Blue or Green.
- AJS2023V** Viton Conversion Kit. Viton seals are required when using any chlorine-based spray. Includes small and large large relief valve diaphragms, relief valve rubber pad, and two small pump diaphragms.



**AJS2023V**  
Viton  
Conversion Kit

### ATS Power Unit and Repair Parts:



Ref	P/N	Description
	<b>ATS401</b>	ATS Power Unit complete
A	<b>ATS425</b>	Directional Valve (DV)
B	<b>ATS426</b>	Diaphragm pump complete
C	<b>AJS2006</b>	Dump valve
	<b>ATS430</b>	Diaphragm pump retaining clip
	<b>ATS431</b>	Blue Power Unit case
	<b>ATS433</b>	Wall Bracket w/screws
	<b>ATS435</b>	Diaphragm for AJS2006
D	<b>ATS436</b>	Pressure reservoir bottle
	<b>ATS442</b>	DV spring
	<b>ATS443</b>	DV diaphragm assy.
	<b>ATS444</b>	Primary filters for DV (3)
	<b>ATS445</b>	Inlet check valve for power unit
	<b>ATS446</b>	Outlet check valve
	<b>ATS447</b>	Bleed insert for DV
	<b>ATS448</b>	Service Kit for DV (includes spring, primary filter and diaphragm assy.)
	<b>ATS450</b>	Holder for reservoir bottle
	<b>ATS456</b>	Diaphragm pump small diaphragm

## ATS "Classic" Automated Teat Sprayer



Ambic's Classic Automated Teat Sprayer turns on and off with the vacuum system, so it is always ready during milking. Automatic pressure regulation gives constant, stable chemical supply. A safety dump valve de-pressurizes the system and back flushes sediment automatically. All rubber and plastic components are durable and chemical-resistant and the system is easy to install, service and maintain. Classic ATS is expandable up to 20 guns and two guns may be sprayed at a time with no drop in pressure.

Classic ATS comes with a choice of two guns. The EasySpray gun combines popular lever-styling with a fixed nozzle providing a solid cone of spray for good teat coverage. The other gun option is the lever-style Classic gun with adjustable nozzle. ATS Classic comes complete with Power Unit, three guns, coils, ties, fittings, 40 ft. of tubing and instructions. Twelve Month Limited Warranty.

- ATS400** Classic ATS with three Classic Guns, Blue, complete. Wt. 12 lbs.
- ATS350** Classic ATS with three EasySpray Guns, Blue, complete. Wt. 12 lbs.
- ATS401** Classic ATS Power Unit only, wt. 8.5 lbs.
- ATS414C\*** Extension Kit. Includes one Classic Gun, T-connector, Retractable Coil, nuts and fittings. Specify color. Wt. 1 lb.



- ATS414EC\*** Extension Kit. Includes one Classic Extended Lance Gun (ATS402EC\*), T-connector, Retractable Coil, nuts and fittings. Specify color. Wt. 1 lb.
- ATS514\*** Extension Kit. Includes one EasySpray Gun, T-connector, Retractable Coil, nuts and fittings. Specify color. Wt. 1 lb.

\* Add Color Code  
-01 Orange -06 Blue -07 Green



# Cow Positioner



Udder Health

Ambic Locator cow positioner for rotary milking parlors encourages cows to stand correctly for optimum milking prep, teat dipping and cluster positioning. It may be retrofitted into existing parlors or installed in new. The shape of the Locator allows manure to run off easily

**ACL100** Locator Cow Positioner. Wt. 3 lbs.



# Hip Sprayer



Ambic's Hip Sprayer is a hand-operated mobile teat sprayer complete with stainless steel lance and adjustable nozzle. The reservoir has a capacity of 1 liter (1 qt.) which will spray approximately 100 cows. The complete unit fits easily and comfortably around the waist leaving both hands free when not in use.

Reliable pump action spray gun has an adjustable nozzle for variable output from 2 to 10ml. The Hip Sprayer is easy to use and fully guaranteed.

**AHS600** Ambic Hip Sprayer complete including tank, belt, gun, tubing and holster. Wt. 1.35 lbs.

### Replacement Parts

- AHS601** Gun and Tube
- AHS602** Plunger Assembly
- AHS603** Tube Ring & Clip
- AHS604** Lance Assembly
- AHS605** Adjustable Nozzle
- AHS606** Tank incl. Filter & Cap.
- AHS607** Belt & Holster



# PeraSpray Cluster Sprayer



Inflations are a well-known source of transmission of mastitis pathogens from cow to cow and cluster spraying with paracetic acid and the Automated Ambic PeraSpray is an effective way of sanitizing the cluster between cows. The PeraSpray has the advantage of delivering fresh solution at each spray and avoids the need to invest in expensive flushing systems.

The PeraSpray is designed to work with peracetic acid (PAA also called peroxyacetic acid) which is safe, effective against mastitis pathogens, stable over a wide temperature range, and environmentally friendly. PAA requires only 10 seconds of contact to be effective and is approved for organic (check local regulations.)

The design and development of the PeraSpray is backed by Ambic's world-wide reputation for top-quality mastitis control products. PeraSpray comes complete with power unit, three lever-operated applicators, cables, fittings and hanger hooks. Extension Kits may be ordered for additional drops, up to 50.

**APA100** Ambic PeraSpray Complete with three Applicators, Coils & Fittings, Orange

**APA101** Power Unit only

**APA014** Extension Kit including Applicator, coil and fittings

**APA002** Applicator only

# Mastitis Detectors



**AV2001**



**AMD005**

The Vision In-Line Mastitis Detector has been designed for high-volume large-bore dairies and where a 100% reliable means of detecting clinical mastitis is required. When mastitis is present, visible clots are deposited on the screen. Improved bypass on the Vision assures minimal milk or air flow restrictions. Made of high quality food-grade materials, the Vision fits 5/8"ID or 9/16"ID tubing and features a rounded, ergonomically designed handle and smooth fit for ease of use.

**AV2001** Ambic Vision Mastitis Detector, boxed. Wt. 3 oz.

**AV2002** Repl. Screen & Holder. Pkg. of 2.

**AV2003** Repl. Body.

**AV2004** Repl. O-Rings. Pkg. of 6.

Original AMD005 Ambic Mastitis Detector is made of smooth, food-grade plastic, the detector snaps apart for cleaning. The Detector is inserted in the milk hose (1/2"ID or 9/16"ID) between claw and milk line. Clinical mastitis is indicated by the visible deposit of clots on the stainless steel back screen.

**AMD005** Mastitis Detector.

**AMD002** Repl. Screen & Holder. Wt. 7 oz.

**AMD003** Repl. O-Ring. Pkg. of 6.

**AMD006** Repl. Body.

# SupaSpray

## Vacuum-Operated Automated Teat Spray Systems



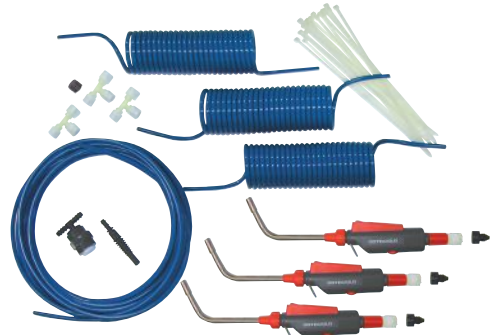
**SupaSpray Pump Unit**

SupaSpray and UltraSpray have brought simplicity and ease of operation to automated vacuum-operated teat spraying. Installation is easy and quick. The pump fits all size containers and its simple design has no springs or diaphragms to complicate the operation. The pump operates on-demand for long life. Heavy-duty HandiSpray gun is comfortable and easily operated and has stainless steel lance and nozzle. Extended length guns are available separately. SupaSpray and UltraSpray components fit Ambic or other manufacturers' systems.

**248103** SupaSpray Automated Teat Spray System with Pump (power unit, valve & tubing), complete with 3 standard Handispray guns, coils, connectors and 50 ft. of delivery hose. Boxed with instructions. Wt. 6 lbs.

**248108** Extension Kit. Includes one Gun, Retractable Coil, Multi-Adapter and 8 ft. of flexible hose.

### Complete with Pump, Tubing, Connectors, Adapters and 3 Guns



### HANDISPRAY GUNS

**248113** Standard Gun overall length 13 in.

**248114** Extended Gun overall length 16 in.

**248115** Ultra-Extended Gun overall length 18 in.

**248138** Standard Gun without connector for parlors with drag lines

**248143** Extended Gun without connector for parlors with drag lines

**248144** Ultra-Extended Gun without connector for parlors with drag lines

### REPLACEMENT PARTS

- 248104** Power Unit for SupaSpray
- 248101** Stainless Steel Power Unit for UltraSpray
- 248123** Multi-Adapter. Works as a T, an elbow, straight connector or Ambic adapter
- 248140** Stainless Steel Drag Line Adapter Swivel. Helps avoid kinks and breakage of long gun lines.
- 248127** Vacuum connector and drain valve.
- 248134** Pressure cylinder
- 248110** Retractable coil
- 248111** Flexible delivery line, 50 ft.
- 248112** Flexible delivery line, 100 ft.
- 248117** Ambic gun adapter
- 248122** Gun valve (package of 6)
- 248121** Service Kit for guns. Includes one each lever, valve and sealing nut
- 248125** Gun connector for Handispray gun
- 248139** Screen & O-Ring for Handispray lance
- 248145** Flat Gasket for Handispray lance
- 248128** Chemical Seal Kit
- 248118** Lance only for Gun
- 248119** Lance only for Extended Gun
- 248120** Lance only for Ultra-Extended Gun
- 248141** Replacement Stainless Steel Nozzle



**248123** Multi-Adapter

**248140** Drag Line Adapter (optional)

**248127** Vacuum Connector & Drain Valve

**248117** Ambic Adapter

**248125** Gun Connector

**248122** Gun Valve (pkg. 6)

**248134** Pressure Cylinder

**248139** Screen & O-Ring

## Coburn® Cellulose Sponges



Exceptionally strong and tough, yet soft and gentle when wet. Rapidly removes heaviest grime and manure. Withstands sodium hypochlorite or quaternary ammonium sanitizers. 8" x 8" x 1/2" Cellulose Sponges are packed 2 to an attractive sanitary sealed bag.

**113** Economy "Twin-Pak" Cellulose Sponge. Wt. 3.2 oz.

## Coburn® Reinforced Spongecloth



Spongecloth is thin like cloth yet holds water like a sponge. It is reinforced with a tough fiber screen to keep its shape and last forever. Great for udders utensils, or general use. 9.5" x 9.5" Spongecloths are packed two in an attractive poly bag.

**991** Reinforced Spongecloth, Twin-pak. Wt. 3.2 oz.

## Sani-Sure Teat Dipper



Durable, heavy-duty plastic construction. Economical because the teat dip returns to hollow handle when dipper is held vertically. Built-in clip hooks on to belt, pail, etc.

**677T** Teat Dipper. Wt. 4 oz.





## UPWARD SPRAYING Teat Sprayers

### 24 Oz. TEAT SPRAYERS

### 16 Oz. DRAW 'N' SPRAY

Trigger-operated unit sprays upward so that a solid spray covers teats and udders fast and effectively. Includes durable spray head, bottle with reinforced neck, and either plastic or stainless steel nozzle tip. 16 oz. capacity.

**007243** Draw 'N' Spray Teat Sprayer.  
**447243** Draw 'N' Spray with S.S. nozzle tip.



Udder Health



**M21000X**

**M21000**

**M22000**

## CHEMICAL-RESISTANT TEAT SPRAYERS



**M21000CR**

**M21000XCR**

This upward spraying Trigger Sprayer comes with three different nozzle tips. Stainless Steel tips hold up well to teat chemicals and are available in short or 4-1/4" extended length. The plastic tip is an economical option. All models feature deluxe spray head, plastic bottle with graduation markings in 2 oz. and 50 ml and a handy dilution guide. All sprayers, 24 oz. capacity.

**M21000** Sprayer with S.S. Tip.  
**M21000X** Sprayer with Extended S.S. Tip.  
**M22000** Sprayer with Plastic Tip.

Chemical-resistant upward-spraying Trigger Sprayers have Viton O-ring and piston cup to last longer when harsh chemicals are used. Choose stainless steel dispenser tip or 4-1/4" extended stainless steel tip. Included are spray head, plastic bottle with graduation markings in 2 oz. and 50 ml, and a handy dilution guide. 24 oz. capacity.

**M21000CR** Chemical-Resistant Sprayer with S.S. Tip.  
**M21000XCR** Chemical-Resistant Sprayer with Extended S.S. Tip.

## Dairy Towel Dispensers for Kowtowls and other single fold paper towels



**496**



**631P**

**496** Stainless Steel Dispenser. Front loading with full length piano hinge. Wt. 4.25 lbs.

**631P** White Plastic Dispenser. Top loading; made of high impact, dent-proof thermoplastic. Keyed opening. Wt. 2 lbs.

## Handy Convenient Sprayer Holster



Two Sizes Available

New, improved Holster is large enough to hold Coburn sprayers neatly, out of the way and ready for use. It will hold most spray bottles up to 32 oz., dip cups, and is ideal for a bottle of Fight Bac®. White plastic Holster features molded-in belt loop.

The Smaller Holster is more suitable for spray bottles up to 16 oz. and for the smaller styles of teat dippers.

**700021** Deluxe Holster for sprayers and dippers. Top I.D. 3-3/4 in.

**700020** Small Holster. Top I.D. 3-1/4 in. Suitable for 16 oz. sprayers and teat dippers.



## Replacement Spray Heads & Tips FOR UDDER SPRAYING



**9021001**

**M21001X**

**901-7243**  
**902-7243**

**9021001X**

**M21001**

**7243**

**901-7243** Deluxe Spray Head with blue plastic upward-spray tip. Tube for 16 oz. bottles.

**902-7243** Deluxe Spray Head with blue plastic upward-spray tip. Tube for 24 or 32 oz. bottles.

**9021001** Same as above with S.S. nozzle.

**9021001X** Same as above with extended tip with S.S. nozzle.

Blue plastic tips are featured on our upward spraying teat sprayers. These tips have threads which screw onto any of our Deluxe, Chemical Resistant or Heavy Duty Deluxe spray heads to convert them to upward-spray heads.

**7243** Blue Plastic Tip with plastic nozzle.

**M21001** Blue Plastic Tip with stainless steel nozzle.

**M21001X** Blue Plastic Extended Tip with stainless steel nozzle.

## Microfiber Dairy Towels



Microfiber Dairy Towels are soft, durable, reusable and absorb 7 times their weight in water. Our dairy towels are made of microfiber which is finer than a strand of silk allowing the cloth to reach into creases and crevices of the udder for more thorough cleaning. The fabric does not kill bacteria but has the property of trapping up to 99% of the bacteria and holding it until washed out. It is recommended to wash and dry at 160F. Compared with cotton, microfiber is softer, more durable, more absorbent and dries faster. Hemmed towels are 12" X 12". Blue towels are a bit heavier in weight and texture than yellow towels.

- MDT-06-10** Blue Microfiber Towels, pack of 10 with label. Wt. approx. 1 lb.
- MDT-06** Blue Microfiber Towels, bag of 50 with label. Wt. 3.75 lbs.
- MDT-02** Yellow Microfiber Towels, bag of 50 with label. Wt. 3 lbs.

## Mastitis Detector



The Draminski Mastitis Detector is an accurate and easy-to-use instrument which detects sub-clinical mastitis in its earliest stages by sampling and measuring the conductivity of milk. Results are displayed on the readout of the convenient hand-held device. Complete instructions included.

- MD-1** Draminski Mastitis Detector, samples and displays one quarter at a time.
- MD-4** Draminski Mastitis Detector, samples each quarter then displays four quarters at a time.

## Mastitis Test Paddle



The "X-Spurt" Test Paddle makes CMT testing a fast and efficient one-hand operation instead of a tedious time-consuming procedure. The X-Spurt bottle holds the reagent and also acts as a handle. With one squeeze, equal amounts of reagent enter all four paddle sections at the same time. Order CMT liquid separately.

- MTXSX** X-Spurt Mastitis Test Paddle including bottle.
- MTXSXB** Replacement Bottle.

## Test Paddle



Test Paddle for mastitis features a smooth comfortable handle, tilt lines for both left and right hand use, slightly domed cup-bottoms to enhance visibility of coagulation, and dark blue color for maximum milk visibility. May be used with any mastitis testing liquid.

- 204473** Blue Mastitis Test Paddle.

## Strip Cup



The Ambic Strip Cup cup has a wide top diameter (6-1/4") and large capacity with a black anti-splash screen for detecting mastitis infected milk. Snap the screen in and out with a simple flick of the thumb which ensures no contact with potentially infected milk. Emptying and cleaning is simple and quick.

- ASC700** Ambic Strip Cup. Wt. 0.7z.

## Mastitis Test Kit



Easy, accurate & inexpensive cow-side test. Collect milk from each quarter into the four cups of the paddle. A squirt of reagent gives you a positive or negative reaction.

The simple directions for testing are included with each Kit. Kit consists of 4-cup test paddle, squeeze bottle reagent dispenser and 16 oz. bottle of California Mastitis Test Concentrate which makes a full gallon.

- 554-7900** Complete ImmuCell CMT Kit, 3 lbs.
- 554-7902** Extra Concentrate, 16 oz.
- 554-7904** Extra Testing Paddle.
- 554-7906** Extra Mixing Bottle.

## Bovivet Paddle



Bovivet Test Paddle has large diameter wells for easy viewing.

- 170365** Bovivet Test Paddle

## Aluminum Strip Cups



Aluminum cup in 1/2 pint capacity with stainless steel screen. 4 inch diameter.

- 1505** Strip Cup with S.S. Screen Insert.



## Fight Bac

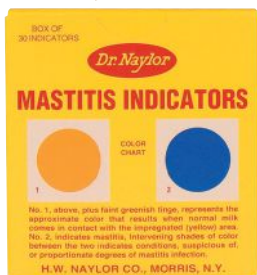


Fight Bac aerosol teat disinfectant is a sanitary, effective and easy-to-use method to fight bacteria, control mastitis and maintain udder health. Fight Bac contains chlorhexidine gluconate 0.4% in a soothing, non-irritating, non-staining base. Upward spraying dispenser never touches the cow to reduce spread of infection from cow to cow. Coburn's Deluxe Sprayer Holster (700020) is perfect for holding a can of Fight Bac. See page 62.

**FB285** Fight Bac Aerosol Teat Disinfectant. Net wt. 22 oz. One can treats 300 cows. Case of 12 cans weighs 19 lbs.

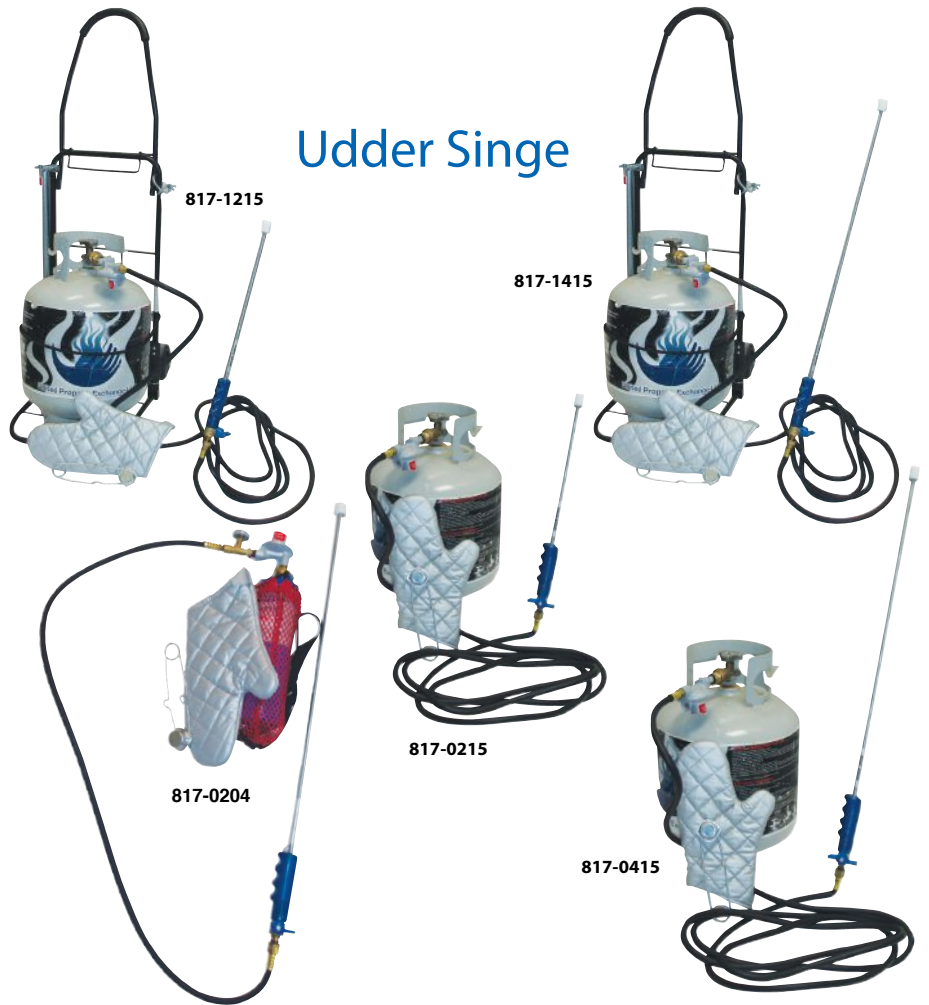


## Mastitis Indicator



**221** Naylor Mastitis Indicator. Put a drop of milk on the test patch and color change gives positive indication of mastitis infection. Package of 30.

## Udder Singe



Udder Singe is the safe and painless way to remove hair from udders and bellies. Hair can trap dirt and manure, making a perfect environment for bacteria and adversely affecting milk quality. Cleaner udders can help shorten prep time, reduce mastitis, and lower bacteria counts including somatic cell, bacteria and coliform. Singeing is recommended by veterinarians and dairy scientists to improve dairy sanitation. Udder Singe connects to a standard propane tank (not included) and produces a low-temperature flame. Hair is eliminated with a quick pass of the wand without causing any discomfort to the cow. Udder Singe includes wand, hose, connector, valve, regulator, striker, and heat resistant glove.

- 817-1215** Udder Singe with Cart, 15 ft. hose, 28" wand for use with 20 lb. LP tank. Wt. 20 lbs.
- 817-1415** Udder Singe with Cart, 15 ft. hose, 50" wand for use with 20 lb. LP tank. Wt. 20 lbs.
- 817-0215** Udder Singe with 15 ft. hose, 28" wand for use with 20 lb. LP tank. Wt. 6 lbs.
- 817-0415** Udder Singe with 15 ft. hose, 50" wand for use with 20 lb. LP tank. Wt. 10 lbs.
- 817-0204** Udder Singe with 4 ft. hose, 28" wand for use with 1 lb. LP tank. Wt. 6 lbs.

## Ketone Test Strips



Ketone Test Strips provide an accurate and quick way to detect ketosis in cattle and sheep. When ketosis is present, strips turn purple after contact with a urine sample. A range of shades gives a semi-quantitative result in about 40 seconds. 100 test strips per bottle.

**J630K** Ketone Test Strips, 100/bottle with instructions.

## Ketocheck Test Powder



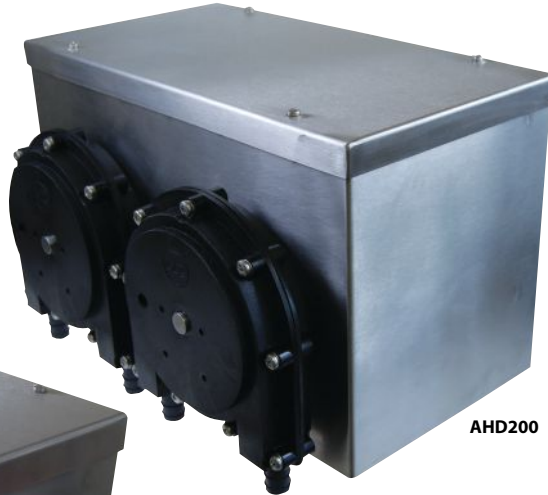
KETOCHECK Test Powder detects the presence of ketone bodies in a sample of milk, urine or plasma. Ketosis in lactating cows occurs within a few days to 6 to 8 weeks after calving and can result in a loss of milk production if not treated. Bottle of 20 grams of test powder.

**633-4881** Ketocheck Powder, 20gm bottle.  
**633-4882** Ketocheck Powder, 50gm bottle.

# Pipeline Washing Systems



AHD300



AHD200



AHD100

### High Volume Pump Dispensers

RFE high volume dispensers are easy to install and ideal for dispensing large volumes of dairy sanitation chemical (up to 80 ounces per minute). Dispensers come with long-lasting 1/2" bore Santoprene tubing and 3/4" fittings. 115 Volt/60 hz.

**AHD100** RFE Single Dispensing Pump Assembly w/1/2" Santoprene Tube

**AHD200** RFE Twin Dispensing Pump Assembly w/1/2" Santoprene Tube

**AHD300** RFE Triple Dispensing Pump Assembly w/1/2" Santoprene Tube

### Replacement Parts:

**AHP101** Replacement 1/2" Santoprene Pump Tube w/Fittings

**AHP103** Replacement Pump Block f/RFE Pump Assembly

**AHP105** Replacement Pump Motor f/RFE Pump Assembly

**ALP115** Silicone Grease f/Replacing Pump Tube

## High Volume Peristaltic Pump



### High Volume Peristaltic Pumps

RFE High Volume Peristaltic Pumps can be used as a standalone unit or added to an existing system to dispense up to 50 ounces per minute. High Volume Peristaltic Pumps feature 3/8" bore Santoprene tubing and 3/4" fittings. 115 Volt/60 hz.

**AHP112** RFE High Volume Peristaltic Pump--12V DC, 40RPM

**AHP124** RFE High Volume Peristaltic Pump--24V DC, 40RPM

### Replacement Parts:

**AHP113** High Volume Peristaltic Pump Motor--12V DC, 40RPM

**AHP125** High Volume Peristaltic Pump Motor--24V DC, 40RPM

**AHP100** High Volume 3/8" Santoprene Tube w/Fittings

**AHP102** High Volume Peristaltic Pump Spinner Assembly

**ALP115** Silicone Grease f/Replacing Pump Tube



## Low Volume Peristaltic Pump



### Low Volume Peristaltic Pumps

RFE Low Volume Peristaltic Pumps can be used as a standalone unit or added to an existing system to dispense up to 16 ounces per minute. Low Volume Peristaltic Pumps feature 1/4" bore Santoprene tubing and 1/4" fittings. 115 Volt/60 hz.

**ALP109** RFE Low Volume Peristaltic Pump w/Santoprene Tube--9V DC

**ALP112** RFE Low Volume Peristaltic Pump w/Santoprene Tube--12V DC

**ALP124** RFE Low Volume Peristaltic Pump w/Santoprene Tube--24V DC

### Replacement Parts:

**ALP110** Low Volume Motor & Gear Box Assembly-9V DC

**ALP113** Low Volume Motor & Gear Box Assembly-12V DC

**ALP125** Low Volume Motor & Gear Box Assembly-24V DC

**ALP101** Low Volume 1/4" Santoprene Tube w/Fittings

**ALP102** Low Volume Spinner Assembly w/Fittings

**ALP115** Silicone Grease f/Replacing Pump Tube





## Automated Depend-O-Drain Drain Valve

Also popular for use with wash sinks. 30 day warranty.

Depend-O-Drain Drain Valve (normally open) mounts directly to the wash vat drain fitting with a no-hub coupling (ordered separately). Depend-O-Drain may be plumbed directly to the drain. 50-60 Hz, .31 Amp with drip-proof motor enclosure.

- 215-0001 110V Depend-O-Drain Drain Valve Assembly
- 215-0001-220 220V Depend-O-Drain Drain Valve Assembly
- MSNHC-112 No-Hub Coupling

## InterPuls Air Injector



Turbowash Air Injector assures correct turbulence during washing cycle. May be programmed for wash and rest cycles or used in standalone mode. Capacity is 220cfm (6100 liter/min), intake orifice is 1.25" (32mm). 24 VAC/DC. Mounting hardware included.

- 5059001 Turbowash Air Injector. Wt. 1.5 lbs.

## InterPuls Air Injector



Turbowash 4000 provides exceptional turbulence during washing for effective cleaning and sanitizing. Easy to program, low maintenance air injector has a capacity of 140 CFM. 24V AC/DC. Mounting hardware included.

- 5079001 Turbowash 4000P Air Injector. Wt. 1.5 lbs.

## Air Injector



Improved Sentinel Air Injector activates at a minimum of 5" of vacuum, has a capacity of 200cfm and is easily adjusted. Intake orifice is 1 1/2". Wall or direct-mounted, air injector operates on 120VAC. Wt. 7.5 lbs.

- M465 Sentinel Air Injector AP107 Replacement Filter

## High-Density Polyethylene Wash / Milk Plugs



Shut-off Plugs are made of solid high-density polyethylene and are used with the Complete Wash Valves.

- 240109 2" Poly Short Milk Plug.
- 240110 2" Poly Long Wash Plug.
- 240111 2.5" Poly Short Milk Plug.
- 240112 2.5" Poly Long Wash Plug.
- 240113 3" Poly Short Milk Plug.
- 240114 3" Poly Long Wash Plug.

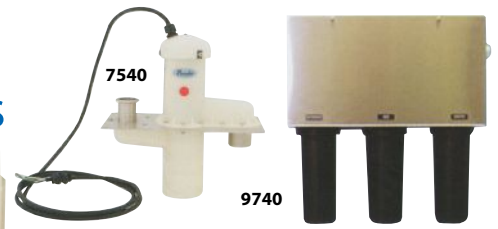
## Bender Pipeline Washers



8500



8950



7540

9740



9590

We stock all replacement parts.

The Bender 8500 Pipeline Washer is the dairy industry standard for reliably and economically cleaning milking systems. The 8500 features standard eight-minute wash cycle, cold acid/sanitize cycle and optional warm cycle. Jars and fill hoses are included. Easy to install and maintain, the 8500-120 is CSA-Approved.

A complete washer may also be made by combining the 8950 Timer Control Module with model 9740 Three-Jar or 9590 Three-Pump Dispenser. The 8950 Timer features electro-mechanical timing, failsafe timer, standard 8-minute wash cycle, 24-hour clock for automatic pre-sanitizing, door interlock and is CSA-Approved.

9590 Pump Dispenser features three motor-driven peristaltic pumps each with 300 oz. capacity, switch setting to program pump run time, hot and cold water valves, and is CSA-Approved.

9740 3-Jar Dispenser includes hot and cold water valves, 25 ft. of water hose, and sink bracket. Jars have a capacity of 30 oz.

- 8500-120 Pipeline Washer complete, 120V,
- 8500-240 Pipeline Washer complete, 240V
- 8950-120 Timer Control Module, 120V
- 8950-240 Timer Control Module, 240V
- 7540-120 Diverter Valve, 120V
- 7540-240 Diverter Valve, 240V

- 9590 3-Pump Dispenser with Cycle Timer
- 9590A 3-Pump Dispenser without timer
- 9740 Three-Jar Dispenser
- 945-8514 30 oz. Detergent, Acid, & Sanitize Jar
- 945-8512 Detergent, Acid, & Sanitize Jar Gasket
- 945-8885 Water Valve with Bracket



## CIP Thermometer

CIP Thermometer is used to make sure the wash solution is at the required 160°F at the start of the wash cycle. Thermometer registers from 1 to 220°F and the face is 1" diameter with a 5" stainless steel stem. Thermometer has a recalibration feature and includes a plastic carrying case.

- 120129 CIP Thermometer

## Complete Wash Valves



### Stainless Steel

Quality stainless steel wash tee comes complete with two high-density polyethylene paddles, short to allow milk to flow into receiver and long to block wash water.

Wash Valves complete with Paddles

- 240117 S.S. Wash Valve for 2" line. Wt. 2 lbs.
- 240119 S.S. Wash Valve for 2.5" line. Wt. 2.5 lbs.
- 240115 S.S. Wash Valve for 3" line. Wt. 3 lbs.
- 240116 S.S. Wash Valve for 4" line. Wt. 5 lbs.

### Replacement Parts

	Long Paddle	Short Paddle	O-Ring
for 2"	240117L	240117S	240121
for 2.5"	240119L	240119S	240122
for 3"	240115L	240115S	240123
for 4"	240116L	240116S	240124

## Pipeline Plug

- 5700480 Pipeline Plug & Bulk Tank Cover for 1.5" opening.



## L5000 PLUS Peristaltic Pump Panel



1201354 Programmer

1209838 Panel

L5000 Plus Peristaltic 3-Pump Panel can be retrofitted to existing pipeline wash control systems or used with optional programmer shown here to automate and improve accuracy of dairy sanitation chemical dispensing. Each pump can be programmed for on/off, run times and delay times from 1 second to 45 minutes. The module is versatile as it comes internally mounted in the box but can be removed to be used as an external module. LED's are added to help diagnose washer trigger supply issues. L5000 Panel features stainless steel cabinet with new sloping design, snap-in pump heads, internal trigger module, and 20 oz./600ml per minute capacity. 115 Volt 60 Hz.

- 1209838 L5000 Plus 3-Pump Peristaltic Pump Panel. Wt. 8.2 lbs.
- 1201354 Summit E Programmer. Wt. 1/3 lb.
- 087900 Repl. Pump Tube with fittings, 8" piece.

## Washing Machine Fill Hose



Washing machine inlet hoses are used on many types of pipeline and milk tank washers. Fits all garden hoses connections. Made of high pressure, reinforced rubber with two female brass couplings. Can be used with both hot and cold water.

- 30906 6 ft. Washing Machine Fill Hose, 3/8" ID

## Nitrile with Aloe Gloves



- 5-mil
- 100% nitrile
- lightly textured
- coated on inside with pure Aloe Vera

Nitrile with Aloe milking gloves have all the advantages of nitrile milking gloves plus a soothing aloe vera treatment with each wearing. The warmth of the skin activates the coating of aloe inside the glove to moisturize, soothe and condition while you work.

Gloves fit right or left hands. Gloves come 100 in a dispenser box. Wt. approx. 1.5 lb. per box.

- AXS-100** Nitrile Gloves with Aloe, extra small (size 6), box of 100.
- AS-100** Nitrile Gloves with Aloe, small (size 7), box of 100.
- AM-100** Nitrile Gloves with Aloe, medium (size 8), box of 100.
- AL-100** Nitrile Gloves with Aloe, large (size 9), box of 100.
- AXL-100** Nitrile Gloves with Aloe, extra large (size 10), box of 100.

## N-DEX® Gloves



- 4-mil • 100% nitrile
- smooth finish, lightly powdered

Better for milking than latex, vinyl or poly, N-DEX® Milking Gloves are made of nitrile for comfort, sensitivity and, most importantly, good udder health. Wearing gloves prevents milkers from introducing the bacteria found in the deep fissures of their hands to the udder. N-DEX's exclusive low modulus hypo-allergenic formula keeps hands feeling cooler and drier. N-DEX® Gloves are worn once, then thrown away. Gloves fit right or left hands. Gloves are packed in dispenser box weighing approx. 1.5 lb. per box.

- NS-100** 4-mil Smooth Gloves, small (size 7), box of 100.
- NM-100** 4-mil Smooth Gloves, medium (size 8), box of 100.
- NL-100** 4-mil Smooth Gloves, large (size 9), box of 100.
- NXL-100** 4-mil Smooth Gloves, extra large (size 10), box of 100.
- NXXL-100** 4-mil Smooth Gloves, extra extra large (size 11), box of 100.



## Why Nitrile?

- It's thin yet strong and comfortable
- Protects hands, reduces fatigue and helps to prevent cracked dry skin
- Reduces stress on hand muscles
- Acts like a support stocking, stimulating and invigorating the hands
- More abrasion and puncture-resistant than vinyl or latex
- Disintegrates immediately if a puncture occurs -- replace glove immediately



## CO-POLYMER NITRILE Gloves



- 4-mil
- textured finish
- powder-free

SemperGuard 4-mil Blue Disposable Milking Gloves are made of co-polymer nitrile, a new non-latex process that has better tensile strength and elasticity than nitrile alone, yet has full barrier protection. Powder-free Gloves have excellent fit and feel, good sensitivity, and most importantly, prevent transfer of hand germs to the udder.

The low-modulus, hypo-allergenic formula keeps hands feeling cooler and drier. Gloves fit right or left hands and should be worn once, then thrown away. Dispenser box of 100. Wt. approx. 1.5 lbs. per box.

- ES-100** SemperGuard 4-mil Blue Nitrile Gloves, small (size 7), box of 100.
- EM-100** SemperGuard 4-mil Blue Nitrile Gloves, medium (size 8), box of 100.
- EL-100** SemperGuard 4-mil Blue Nitrile Gloves, large (size 9), box of 100.
- EXL-100** SemperGuard 4-mil Blue Nitrile Gloves, extra large (size 10), box of 100.

## Black Gloves



- 4-mil nitrile
- textured finish
- latex-free

SemperForce 4-mil Black Nitrile Milking Gloves have matte-type texturizing for improved gripping qualities. Black gloves are worn once, then thrown away. Gloves fit right or left hands. Dispenser box of 100 weighs approx. 1.5 lbs. per box.

- BPS-100** SemperForce Black Nitrile Gloves, small (size 7) box of 100.
- BPM-100** SemperForce Black Nitrile Gloves, medium (size 8), box of 100.
- BPL-100** SemperForce Black Nitrile Gloves, large (size 9), box of 100.
- BPXL-100** SemperForce Black Nitrile Gloves, extra large (size 10), box of 100.

## Wallmount Glove Dispenser

Wallmount rack holds any of our disposable glove dispenser boxes plus most others up to size 10-7/8" by 3-1/8". Dispenser rack is made of 3/16" steel powder-coated wire for corrosion-resistance and easy cleaning.

**5312182** Wallmount GloveDispenser. Wt. 1 lb.





## Thumbhole Sleeve Duo



The Waterproof Thumbhole Sleeve Duo, made of waterproof nylon, has a unique design that extends around your thumb anchoring the sleeve around your hand. This protects your wrists from irritating teat dip, moisture, manure and debris. The fabric on the sleeve has been extended to cover the shoulders and an elastic strap goes across the back to hold the sleeves in place so they do not slide down. When worn with gloves it also eliminates water from running down your arms.

- 18046 Small Thumbhole Sleeve Duo
- 18047 Regular Thumbhole Sleeve Duo
- 18048 X-Large Thumbhole Sleeve Duo

## Economy Vinyl Milking Sleeves

VSB8HS-06



Economical 8 mil clear blue vinyl sleeves are 18" long with elastic gathers at wrist and top. Sold by the pair. Seams are heat-sealed. Made in USA.

VSB8HS-06 Blue Vinyl Milking Sleeves, pair. Wt. 3 oz.

## Adjustable Nylon Milking Sleeves

18001



18008



These Milking Sleeves have elastic and velcro closures on top and bottom, making them adjustable for a perfect fit.

18001 Adjustable Milking Sleeve made of durable, water-repellent black nylon taffeta. Sold each.

18008 Adjustable Milking Sleeve made of durable, blue waterproof nylon fabric. Sold each.



## Blue Sleeve Apron

With Thumb Hole

Made of durable waterproof nylon, apron has full length sleeves with thumb hole which protects the wrist area from splashes. Apron keeps workers clean, dry and comfortable during milking, power-washing, calf-feeding and other wet dirty tasks. Blue nylon fabric has a white waterproof backing and is machine washable. Apron closes in the back with adjustable neck and waist straps. Available in small, medium, large or extra large.

- 18040 Small
- 18041 Medium
- 18042 Large
- 18043 Extra Large

## Milking Sleeves



ELASTIC CUFF ENDS

YUS18C2-02



GATHERED CUFF ENDS

950050

Rugged, yet flexible, milking sleeves protect arms and clothing against moisture and abrasion during milking tasks. Yellow Milking Sleeves come in two styles- with comfortable 1 1/2" wide stretch elastic cuff ends or with elastic gathered ends. 18" long. Sold by the pair.

YUS18C2-02 Deluxe Yellow Urethane Sleeve, Elastic Cuff Ends (Pair). Wt. 3 oz.

950050 Yellow Neoprene Sleeve, Gathered Cuff Ends (Pair). Wt. 3 oz.

## Milking Sleeves With Thumb Hole



Keep wrists dry and protected from irritation from teat dip. This sleeve extends around the thumb to anchor the sleeve. When worn with a glove, it prevents water, dip and debris from getting inside the sleeve and irritating the skin. Sleeve features waterproof nylon and elastic and velcro at the top of the sleeve to offer a perfect fit around the upper arm.

18020 Waterproof Milking Sleeve with thumb hole, one size fits most. Sold each.

18021 Small Waterproof Milking Sleeve with thumb hole, 1" smaller at the wrist. Sold each.

18050 Extra Large Waterproof Milking Sleeve with thumb hole, 1" larger at the wrist & 1" more velcro at the top. Sold each.

## Hycar Nitrile Dairy Aprons



Heavy duty aprons are made of Hycar® nitrile for superior resistance to oils, acids, animal fats, solvents, mildew and wet barn and parlor conditions. Long-lasting and durable, aprons weigh a full 21 oz. They have four metal grommets, reinforced bib and all edges are turned and hemmed. Available in yellow, white and maroon, aprons are 45" in height and 36" wide. Tie tapes included.

2535-02 Hycar Apron, yellow. Wt. 21 oz.

2535-03 Hycar Apron, white. Wt. 21 oz.

2535-14 Hycar Apron, maroon. Wt. 21 oz.



## Nylon Dairy Apron



Lightweight dairy apron is made of nylon which looks and feels like fabric yet is durable and tear-resistant. The inside is coated for water-resistance. Two pockets and two hang loops are sewn on with reinforcing tape for durability. Apron is hemmed all around and has securely sewn-in cotton tie cords. Overall dimensions not including ties are 45" height by 33" width.

M114-06 Blue Dairy Apron. Wt. 6 oz.

M114-04 Black Dairy Apron. Wt. 6 oz.

# Towel Tote™ Aprons, Totes & Holsters

## for milking prep comfort & convenience

### One-Pocket Apron

Stock No.	Description	Material
18004	Full Apron	Pack cloth

Features one large elastic-top pocket that holds approximately 35 towels and two smaller upper pockets. Water resistant. Apron is 45" L x 33.5" W with 1" criss-cross strap.



### Towel Tote™ Apron

Stock No.	Description	Material
18013	Towel Tote™ Apron	Pack cloth

Features Towel Tote™ pocket for 200 paper towels, 2 large pockets alongside, adjustable neck strap, 1" belt. Apron is 45" L x 33.5" W. Water resistant.

Stock No.	Description	Material
18014	Towel Tote™ Apron	Black Taslan

Features Towel Tote™ pocket for 200 paper towels, 2 large pockets alongside, adjustable neck strap, 1" belt. Apron is 45" L x 33.5" W. Waterproof.



### Waterproof Apron with Two Large Pockets

Stock No.	Description	Material
18022	Waterproof Apron, small 34" L x 30" W	Taslan
18023	Waterproof Apron, medium 39" L x 31.5" W	Taslan
18026	Waterproof Apron, large 45" L x 33.5" W	Taslan
18027	Waterproof Apron, lg. long 51" L x 33.5" W	Taslan

Apron is made of black Taslan and has two large towel pockets, two smaller utility chest pockets, and 1" criss-cross shoulder straps. Small apron holds approximately 40 towels; larger sizes hold approximately 50 towels. Waterproof.



### Dipster Apron

Stock No.	Description	Material
18024	Full Apron	Pack cloth

Apron has two large towel pockets holding approximately 25 towels each, two smaller utility pockets on chest and 1" shoulder, criss-cross straps. 45" L x 33.5" W. Water resistant.



### Towel Tote™ Apron with Criss-Cross Straps

Stock No.	Description	Material
18036	Towel Tote™ Apron	Pack cloth

Features Towel Tote™ pocket for 200 paper towels, 2 large pockets alongside, 1" criss-cross adjustable straps. Apron is 45" L x 33.5" W. Water resistant.

Stock No.	Description	Material
18039	Towel Tote™ Apron	Black Taslan

Features Towel Tote™ pocket for 200 paper towels, 2 large pockets alongside, 1" criss-cross adjustable straps. Apron is 45" L x 33.5" W. Waterproof.



### Black Waterproof Apron

Stock No.	Description	Material
18028	Waterproof Apron	Black Taslan

Adjustable neck strap and waist belt. No pockets. 45" L x 33.5" W. Waterproof.



### Blue Waterproof Apron

Stock No.	Description	Material
18025	Waterproof Apron	Blue Taslan

Adjustable neck strap and waist belt. No pockets. 45" L x 33.5" W. Waterproof.



### Pink Nylon Apron

Stock No.	Description	Material
18049	Waterproof Apron	Pink Nylon

Adjustable neck strap and waist belt. No pockets. 45" L x 33.5" W. Waterproof.



Cleaning & Sanitizing



Choose from a variety of fabric, materials and styles. Large gusseted pockets can hold cloth or paper towels and some styles have loops or small pockets for dip cups, sprayers or small items. Criss-cross straps position the weight on the shoulders instead of the neck for extra comfort when apron is loaded with towels. Full aprons measure 45" L and 33.5" W, half-aprons are 22" H. Polypropylene belts and straps have plastic buckles and are adjustable up to men's extra large. Towel Totes™ are handy wearable dispensers for single-fold paper towels (not included) and have loops for dip cups or sprayers.

## Single Splash Guard Holster

Stock No.	Description	Material
18051	Single Holster	Black vinyl

Splashproof black vinyl panel, holster holds dip cup, sprayer or other supplies, belt with buckle sold separately. 17" H x 14" W.



## Double Splash Guard Holster

Stock No.	Description	Material
18052	Double Holster	Black vinyl

Splashproof black vinyl panel, double holsters hold pre- and post-dip cups, sprayers or other supplies, belt with buckle sold separately. 17" H x 14" W.



## One-Pocket Half Apron

Stock No.	Description	Material
18009	Half-Apron	Pack cloth

One large elastic-top gusseted towel pocket on a 29" wide apron with 1" belt. Pocket holds approximately 35 towels. 22" L x 30" W.



## Double Pocket Half Apron

Stock No.	Description	Material
18037	Half-Apron	Pack cloth

Two large gusseted towel pockets on a 30" wide apron with 1" belt. Holds approximately 50 towels. 22" L x 30" W.



## Dipster Half Apron

Stock No.	Description	Material
18038	Half-Apron	Pack cloth

Two large gusseted towel pockets and a Dipster pocket on a 30" wide apron with 1" belt. Holds approximately 50 towels. 22" L x 30" W.



## Sprayer Holster

Stock No.	Description	Material
18002	Sprayer Holster	Pack cloth

Accessory Holster for holding 3" - 5" sprayers and attaches to 1" belt, sold separately. 11" H x 5" W.



## Dipster Holster

Stock No.	Description	Material
18003	Dipster Holster	Pack cloth

Dipster accessory for holding dip cup, attaches to 1" belt sold separately. 12" H x 4" W.



## Cloth Towel Pouch

Stock No.	Description	Material
18015	Cloth Towel Pouch	Vinyl

Heavy reinforced pocket 12" H x 12" W x 6" D, holds approximately 50 cloth towels. Order 1" or 2" belt separately. Waterproof.



## Dynamic Duo Half-Apron

Stock No.	Description	Material
18012	Half-Apron	Polyester

Dynamic Duo Half-Apron has two separate large pockets, 14" L x 8" W x 4" D, on a 2" belt. Water resistant.

Stock No.	Description	Material
18035	Half-Apron	Reinforced Polyester

Dynamic Duo Half-Apron has two separate small pockets reinforced with webbing, 14" H x 8" W x 4" D, on 2" belt. Water resistant.



## Towel Tote™ Belt



Stock No.	Description	Material
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**18005** Towel Tote™, small Pack cloth  
Towel Tote™ holds approximately 80 towels (not included), 2.5" deep, two loops for dip cups or sprayers, 1" belt. 6" H x 9.5" W. Water resistant.

**18006** Towel Tote™, medium Pack cloth  
Towel Tote™ holds approximately 180 towels (not included), 3.5" deep, two loops for dip cups or sprayers, 1" belt. 6" H x 9.5" W. Water resistant.

**18007** Towel Tote™, large Pack cloth  
Towel Tote™, dispenser holds 250 towels (not included), 4.5" deep, two loops for dip cups or sprayers, 1" belt. 6" H x 9.5" W. Water resistant.

## 1" Belt

Stock No.	Description	Material
18011	Belt only	Polypropylene

1" Belt with buckle, adjustable to 54 inches.



## 2" Belt

Stock No.	Description	Material
18016	Belt only	Polypropylene

2" Heavy-Duty Belt with buckle, adjustable to 54 inches.





## Sanitizing Hose & Nozzle

Rubber Sanitizing nozzle turns on when you bend it and off when released. Hoses have brass fittings, 3/4" female end and 1/4" male end.

**30800** Sanitizing Nozzle, rubber with brass fittings, 1/4" NPT, 4-5/8" long.

**30806** 6 ft. Sanitizing Hose

**30809** 9 ft. Sanitizing Hose

**30812** 12 ft. Sanitizing Hose

## Wash-Up Hoses



3/4" both ends

Black rubber Wash-Up Hoses have 3/4" solid brass fittings, male and female ends. Available in 3/8" ID or high-capacity thick-wall 1/2" ID.

Size	3/8" ID	1/2" ID
6 ft. Wash-up Hose	<b>30706</b>	<b>30606</b>
10 ft. Wash-up Hose	<b>30710</b>	<b>30610</b>
14 ft. Wash-up Hose	<b>30714</b>	<b>30614</b>
20 ft. Wash-up Hose	<b>30720</b>	<b>30620</b>
25 ft. Wash-up Hose	<b>30725</b>	<b>30625</b>

## Quick Couplers



09QCF

09QCM

39QCF

39QCM

Quick couplers are inserted into nozzles and hoses for faster attachment and detachment. Gilmour couplers allow more water flow than any other coupler. Choose solid machined brass or rugged, non-corroding poly. Individually carded.

**09QCF** Brass coupler, female.

**09QCM** Brass coupler, male.

**09QC** Brass coupler set, one of each.

**39QCF** Green poly coupler, female.

**39QCM** Green poly coupler, male.

**39QC** Green poly coupler set, one of each.

## Gilmour® Hoses



**Flexogen Premium**

**Reinforced Rubber  
Hot Water Hose**

**Rubber/Vinyl  
Farm Hose**

**Flexogen Premium Hose** is the top-of-the-line hose featuring double tire-cord reinforced construction and polished surface to resist stains and abrasion. Heavy-duty Flexogen has over 500 psi burst strength, resists kinks, and coils easily in all kind of weather. Flow Guard Plus collar, crush-resistant full-flow steel couplings with built-in washer. This hose is recommended for use with the Voluspray Guns.

**10-10050** Flexogen 8-ply Premium Hose, 50' (1" NPSH fittings, fits 1" Voluspray Gun). Wt. 19 lbs.

**10-34050** Flexogen 8-ply Premium Hose, 50' (3/4" NPSH fittings, fits 3/4" Voluspray Gun). Wt. 10 lbs.

**Reinforced Rubber Hot Water Hose** resists damage from weather, atmospheric pollution and hot water up to 180°F. Like the Heavy Duty Rubber Hose, this style features double cord reinforcement, excellent flexibility and kink and abrasion resistance. With burst strength of 400 p.s.i., it is built to withstand high water pressure and frequent nozzle shut-off. Full flow brass couplings give unrestricted water flow.

**18-58025** Hot Water Hose, 5/8" X 25'. Wt. 6.5 lbs.

**18-58050** Hot Water Hose, 5/8" X 50'. Wt. 11.5 lbs.

**Rubber/Vinyl Farm Hose** features 6-ply construction and 500 psi burst strength. The rugged red cover resists abrasion and won't mar surfaces. Hose is double-reinforced for commercial strength and has a protective collar which resists kinks at the faucet. Crush-resistant full-flow steel couplings have O-ring for a tight seal.

**29-58090** Farm Hose, 5/8" X 90'. Wt. 14 lbs.

## Gilmour® "Y"s & Shut-Offs



15-0151Y

17



08-0083Y

07V

These splitter "Y"s and shut-offs are handy time-savers. For 3/4" hose. Zinc fittings are suitable for hot water up to 160°. Nylon and poly not recommended for hot water. Individually carded.

**15-0151Y** Double Hose Y-Connector with shut-offs. Chrome-plated zinc with polymer collar and threads at female end.

**17** Double Hose Y-Connector with shut-offs, polymer.

**08-0083Y** Double Hose Y-Connector without shut-off, nickel-plated zinc. Includes end cap.

**05-0038V** Water Shut-off, chrome-plated zinc.

**07V** Water Shut-Off, nylon.

## Gilmour® NYLON Hose Menders



Handy Hose Menders repair female or male ends as well as any rubber or plastic hose up to 3/4". Made of non-corrosive nylon, Hose Menders attach quickly with a screw driver. Individually carded.

**01HM** Hose Mender for 5/8" & 3/4" Hose.

**01M** Mender for 5/8" & 3/4" Male Coupler.

**01F** Mender for 5/8" & 3/4" Female Coupler.

**05HM** Hose Mender for 7/16", 1/2" & 9/16" Hose.

**05M** Mender for 7/16", 1/2" & 9/16" Male Coupler.

**05F** Mender for 7/16", 1/2" & 9/16" Female Coupler.

## Gilmour® Compression Menders



58CPH

58CPF

58CPM

Compression Menders require no tools and repair can be completed in seconds. For repair of 5/8" garden hose, Menders have durable metal body and collar and soft-grip sleeves. Individually carded.

**58CPH** Compression Mender for 5/8" hose.

**58CPF** Compression Mender for female end.

**58CPM** Compression Mender for male end.



## Pistol-Grip Nozzle



Pistol-Grip Nozzle has a zinc alloy body, rubber clad grip and plastic lever. Nozzle features a large brass adjusting nut and improved hold-open clip. For standard 3/4" connection.

**DN98** Pistol Grip Nozzle with adjustable solid brass tip. Wt. 0.6 lbs.

## Hose Reel Nozzle



Strong and lightweight Hose Reel Nozzle is made of glass fiber reinforced nylon and is fully adjustable from stream to mist to full shut-off.

**929-0120** Hose Reel Nozzle, 3/4". Wt. .3 lb.

## HEAVY DUTY Trigger Nozzles



**929-0020**

**929-0010**

Trigger Nozzles are strong, fully adjustable and insulated but light in weight. Large nut makes adjusting easy and a handy hold-open clip and a thick protective ring on the front. Hot-Water Nozzle is rated at 185°F.

**929-0020** Trigger Nozzle, 3/4". Wt. .35 lb.

**929-1020** Trigger Nozzle Service Kit.

**929-0010** Hot-Water Trigger Nozzle, 3/4".

**929-1010** Hot-Water Trigger Nozzle Service Kit.

## Brass Twist Nozzle



Solid Brass Twist Nozzle is leak-proof due to double O-ring seals. Adjustable from spray to stream with a twist of the nozzle. Standard 3/4" female connection. Individually carded.

**528T** Brass Twist Nozzle. Wt. .35 lb.

## Nozzle Adapter

Rustproof polymer adapter connects a threaded nozzle directly to hose or tubing. 3/4" male thread to 3-stage slip-in male adapter.

**012BNHT** Polymer Nozzle Adapter.



## JETSPRAY HOT WATER Nozzle

Jetspray is a heavy-duty hot water hose nozzle with comfortable plastic cushioned grip, thick front removable bumper and integral filter washer. It is insulated up to 160°. Other quality features include adjustable spray level, hold-open clip, full-size die cast body, stainless steel spring, "duck"-type packing for lifetime leak-proof functioning, and solid brass valve stem with permanent adjusting nut. 3/4" threaded inlet and outlet. Packaged on a heavy card with graphics.

**JS99-01** Jetspray, orange.

**JS99-04** Jetspray, black.

**JS99-07** Jetspray, green.

**JS99-00** Repl. Filter Gasket, grey plastic.

**JS99-02** Jetspray, yellow.

**JS99-06** Jetspray, blue.

**Packaged for Retail Display**



## Gilmour Nozzles



**571TFR**

**474FARM**

**593**

**564**

**501**

**573TF**

**572TFR**

**571TFR** Nozzle features threaded front for accessories and comes with rubber guard for thread protection. Clip locks on to any size spray pattern. Heavy duty, all-zinc metalized body is insulated for boiling hot or ice-cold liquids. Patented, molded nylon grip and industrial strength nylon lever protects hands and equipment. All metal pin and adjustable nut. Individually carded. Wt. 0.5 lb.

**474FARM** Non-corroding, high-impact polymer body Nozzle with polymer valve assembly, metal pin and fixed nut. Full-size nozzle with threaded front for accessories. Hold-open clip. Individually carded. Wt. 0.15 lb.

**593** Comfort Grip Nozzle features a molded-on black vinyl cushioned grip. Heavy-duty, full size nozzle has die cast zinc body, solid brass valve stem, permanent adjusting nut, a hold-open clip for continuous spraying and a rust-resistant stainless steel spring. Individually carded. Wt. 0.55 lb.

**573TF** Metalized, full size, pistol grip Nozzle has brass valve stem, threaded front, permanent adjusting nut and hold-open clip. Stainless steel spring, lifetime packing seal. Individually carded. Wt. 0.45 lb.

**501** Medium-size non-corroding, high-impact polymer body Nozzle. Features a polymer valve assembly and fixed nut. Individually carded. Wt. 0.15 lb.

**572TFR** Insulated-grip Nozzle with threaded front features a brass head insert for commercial, industrial or farm use. Hold-open clip, rust resistant stainless steel spring, self-adjusting "duck" packing, brass valve, adjustable nut and adjustable spray pattern. Heavy duty, all-zinc metalized body is insulated for boiling hot or ice-cold liquids. All brass valve components. Individually carded. Wt. 0.55 lb.

**564** Mid size metalized pistol grip Nozzle has polymer valve assembly with fixed nut, hold open clip and lifetime packing seal. Individually carded. Wt. 0.4 lb.

# VOLUSPRAY BRASS Wash Down Guns

Flexogen Premium Hose recommended for use with Volusprays - see page 67

Heavy, solid-brass Voluspray Wash Down Gun nozzle adjusts from a powerful stream to fine spray with a simple twist. Black ribbed neoprene covers and protects the nozzle and provides a comfortable, secure hand grip. Twist for positive shut-off. Nozzle works with booster pumps to a maximum PSI of 125. Choose barbed hose fitting or NPSH female fitting in 3/4" or 1". Fittings are solid brass and are screwed onto the nozzle proper for total interchangeability. Premium Flexogen Hose (see Index) is recommended for use with the Voluspray.



FEMALE FITTING VOLUSPRAYS



BARBED HOSE VOLUSPRAY

**VG991** Voluspray Heavy Duty Wash Down Gun with 1" NPSH female fitting. Wt. 2 lbs.

**VG992** Voluspray Heavy Duty Wash Down Gun with 3/4" NPSH female fitting. Wt. 2 lbs.

**VG990** Voluspray Heavy Duty Wash Down Gun with 1" barbed hose fitting. Wt. 2 lbs.

**VG880** Voluspray Heavy Duty Wash Down Gun with 3/4" barbed hose fitting. Wt. 2 lbs.

**VG991-1** Brass 1" NPSH female Hose Fitting only.

**VG992-1** Brass 3/4" NPSH female Hose Fitting only.

**VG995** Repair Kit for Voluspray Guns.

**VG990-1** Brass Barbed Hose Fitting only, 1".

**VG880-1** Brass Barbed Hose Fitting only, 3/4".

**VS102** Replacement Body O-Ring

**VS103** Hosetail O-ring

# FOAMASTER Cleaning Guns



CHEMICAL RESISTANT MODEL

Foamaster Hose End Cleaning and Sanitizing Gun is suitable for degreasing, soaping, disinfecting, and cleaning with acids or caustics. A thick, clinging foam is generated which increases surface contact time for more effective cleaning of dairies, food handling shops, industrial areas, vehicles and equipment.

The adjustable, accurate metering dial may be set for 1, 2, 4, 6 or 12 oz. per gallon ratios. Handle may be detached for a powerful water rinse. New Chemical-Resistant model has exceptional resistance to acidic or caustic cleaners. Polyethylene bottles are durable and chemical-resistant. One quart capacity.

**75QGFMR** Foamaster Metering Gun, complete. Wt. 2 lbs.

**95QGFMR** Foamaster II Chemical-Resistant Metering Gun, complete. Wt. 2 lbs

# FULL-FUNCTION Sprayer



Pump-up Power Sprayer is suitable for applying weed-killer, pesticides, sanitizers and many cleansers including foaming types. Full-function nozzle features a dial which allows you to choose between spray patterns such as mist, jet, foamer or fan, with a simple click. Translucent 50 oz. poly tank has an operating capacity of about 1 qt.

**150299** Multi-Function Power Sprayer. Wt. 2 lbs.

**150298** Replacement Nozzle.

# ANKA HEAVY DUTY PLASTIC Wash Down Guns

Anka Hose Nozzles are strong and robust with quick-action on/off and a fully adjustable spray pattern. Made of quality industrial reinforced nylon, Nozzles are highly impact resistant. Their high flow rates insure a fast wash-down time.

The uniquely designed outer ring protects the nozzle from impact and excessive wear. Spray is adjustable from wide spray pattern to full bore flow. Hose tails have no sharp edges on the barbs, reducing the chance of damage to the hose when clamps are used. Nozzles are easily taken apart for service. Service Kits contain O-rings, diffuser with cap, stainless steel screw and Nyloc nut.



929-0025

929-0032

929-0040

**929-0025** Nozzle with hose tail, 1". Wt. 4 lb.

**929-0032** Nozzle with hose tail, 1-1/4". Wt. .5 lb.

**929-0040** Nozzle with hose tail, 1-1/2". Wt. .7 lb.

**929-1001** Hose Tail to convert 929-0025 to 3/4".

**929-1025** Service Kit for 929-0025

**929-1032** Service Kit for 929-0032 & 929-0040

# Nozzles

Neoprene Nozzle

306R



## NEOPRENE DAIRY NOZZLES

High-capacity Neoprene Rubber Nozzle has reinforced brass threads.

**98100** Nozzle, 1" female, 4-3/8" long. Wt. 4 oz.

**98075** Nozzle 3/4" female, 3-3/4" long. Wt. 3 oz.

## LONN WATER SAVER NOZZLES

Heavy-duty drop-proof nozzles have concentrated pressure stream. Rubber nozzle turns on when you bend it and off when released.

**306R** Water Saver Nozzle. 8-3/4" overall. Brass 3/4" fittings. Individually boxed. Wt. 8 oz.

# Deluxe Power Nozzle



Deluxe multi-purpose industrial Power Nozzle adjusts from mist to jet stream with a simple twist. Brass nozzle has soft rubber grip and standard 3/4" female end. Excellent for power washing in garden, farm and industrial applications.

**PN99** Deluxe Power Nozzle. Wt. .85 lb.

# Power Flow Nozzle



Power Flow Nozzle adjusts from mist to sharp stream to full action with a large easy-turn dial. All metal body and handle has an overmold for comfortable handling. Flow control is built-in. Can be used with hot or cold water. 5/8" hose or larger is recommended for full water flow. 3/4" female fitting.

**FN4** Power Flow Nozzle. Wt. .65 lb.



# Turbo Nozzle

Metal Turbo Nozzle is an adjustable power nozzle with metal body for power-spraying at 60 psi or higher. Spray is controlled with the large handle. Molded grip gives cushioned comfort. 3/4" female connection.

**FD1** Turbo Nozzle. Wt. 1.3 lbs.

Cleaning & Sanitizing



# Stainless Steel Wash Sinks



Wash Sinks

"Gallon Deep" Sinks up to 80 gallon capacity

NOTE: Sinks, Legs and Brackets sold separately

**215-0001** 110V Depend-O-Drain Assembly  
**215-0001-220** 220V Depend-O-Drain Assembly

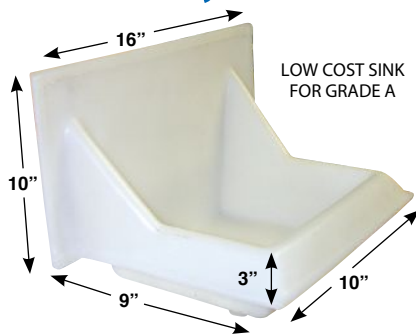
Shown with 2B Wall Brackets

Sinks are made of top quality stainless steel and feature die-formed patch corners. Choose Double Compartment Sinks or Single Sinks in regular depth or extra-deep "Gallon Deep" style. Adjustable A-frame-type Legs or Wall Brackets are sold separately. Each compartment includes Drain Assembly and Lift Plug.

Stock No. & Desc	Capacity	Overall Length	Front to Back Outside	Inside Depth	Wt.
*522 Single Sink	18 gal.	24"	20.5"	12.25"	18 lbs.
*529 Single Sink	23 gal.	31"	20.5"	12.25"	21 lbs.
*536 Single Sink	29 gal.	38"	20.5"	12.25"	25 lbs.
*549 Single Sink	39 gal.	51.25"	20.5"	12.25"	30 lbs.
560 Single Sink	48 gal.	60"	20.5"	12.25"	46 lbs.
572 Single Sink	58 gal.	72"	20.5"	12.25"	51 lbs.
*52222 Twin Sink	18 gal./18 gal.	47"	20.5"	12.25"	32 lbs.
52229 Double Sink	18 gal./23 gal.	54"	20.5"	12.25"	34 lbs.
52929 Twin Sink	23 gal./23 gal.	61"	20.5"	12.25"	37 lbs.
52236 Double Sink	18 gal./29 gal.	61"	20.5"	12.25"	37 lbs.
52249 Double Sink	18 gal./39 gal.	74"	20.5"	12.25"	54 lbs.
2B Wall Brackets, set					12 lbs.
52B-SS Stainless Steel Wall Brackets, set					9 lbs.
52L Legs for S.S. Sinks, 34" height, set					18 lbs.
52L-SS Stainless Steel Legs for S.S. Sinks, 30-3/4" height, set					12 lbs.
*7315 Gallon Deep Single Sink	15 gal.	18.5"	22.5"	15.5"	20 lbs.
*7330 Gallon Deep Single Sink	30 gal.	33.5"	22.5"	15.5"	25 lbs.
7340 Gallon Deep Single Sink	40 gal.	43.5"	22.5"	15.5"	30 lbs.
7350 Gallon Deep Single Sink	50 gal.	53.5"	22.5"	15.5"	34 lbs.
7360 Gallon Deep Single Sink	60 gal.	63.5"	22.5"	15.5"	39 lbs.
7380 Gallon Deep Single Sink	80 gal.	75.5"	22.5"	15.5"	50 lbs.
73B Wall Brackets for Gallon Deep, set					12 lbs.
73B-SS Stainless Steel Wall Brackets for Gallon deep, set					16 lbs.
73L Legs for Gallon Deep, 34", set					18 lbs.
73L-SS Stainless Steel Legs for Gallon deep, 30-3/4", set					13 lbs.

\* May be shipped UPS.

## Poly Sink



LOW COST SINK FOR GRADE A

High density roto-molded white polyethylene sink provides a low cost way to upgrade to Grade A. Comes complete with screws to attach below faucets. Smooth, sanitary and easy to keep clean.

681 Poly Sink, approved. Wt. 4.5 lbs.

## Hand & Utensil Sink



STAINLESS STEEL

This high quality, low cost, seamless stainless steel sink includes mixing faucet and drain plug. Dimensions: front to back 16", front edge across 15-3/4", back edge across 19". Sink is 6" deep and has a capacity of 4 gallons.

325-0001 Hand Sink with Faucet. Wt. 10 lbs.

## Drain Assembly



Fits any 1-3/4" drain opening. Complete with rubber gasket, zinc lock nut and patented drain plug.

135D Drain Assembly.

162N Hexagonal zinc lock nut only.

16RG Rubber Gasket.

## Flexible Lift Plug



Flexible Plug Lift cannot be bumped out of drain hole. 1-1/2".

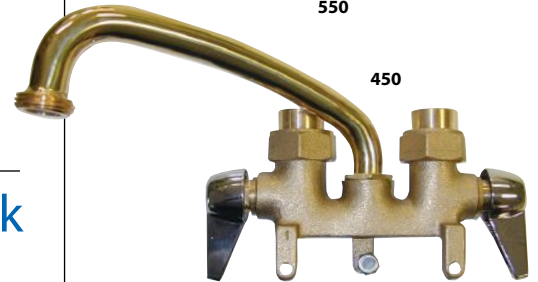
134R Neoprene Drain Plug.



## BRASS MIXING Valve & Faucet



550



450

Solid Brass Mixing Faucets & Valves helps conserve energy by controlling temperature and flow.

550 Nickel Coated Brass Mixing Valve. 1/2"NPT pipe plug can be installed for top or bottom supply and are adaptable for copper tubing. Wt. 2.25 lbs.

450 Brass Mixing Faucet. Polished brass spout with 3/4"GHT threaded tip. May be mounted on wall or edge of tank. 1/2"NPT pipe connections are adaptable for copper tubing. Wt. 2.25 lbs.

### REPLACEMENT PARTS

888-518 Repl. Hot Stem Kit for 450 Faucet

888-519 Repl. Cold Stem Kit for 450 Faucet

888-520 Repl. Union Kit for 450 Faucet

888-825 Repl. Spout for 450 Faucet

888-521 Repl. Hot Stem Kit for 550 Valve

888-522 Repl. Cold Stem Kit for 550 Valve

888-523 Repl. Union Kit for 550 Valve

## Double Mist Trigger Sprayers



Rather than short bursts, the Double Mist Trigger Sprayer offers continuous output with half the squeezing action. Adjustable head gives a super-fine mist or a jet stream, all with less hand fatigue. Chemical-resistant black spray head make these sprayers ideal for animal grooming, dairy, insecticides, plants and more.

**83000** Double Mist Sprayer, 1 pint (1/2 liter).

**83010** Double Mist Sprayer, 1 qt. (1 liter).

## Coburn® Nylon Scour Pad



Sturdy scour pad, made especially for dairy equipment, ideal for cleaning stainless steel. Safe with any detergent, sanitizer or acid cleaner. Holds its shape, rinses clean, reusable, long-lasting. Handy 6" x 9" green spun Nylon, 3/8" thick.

**500K** Scour Pad. Two in a colorful poly bag.

## Stainless Steel Sponge



Made especially for dairy farm use to scour and clean with speed and safety. Made from one continuous ribbon of metal. Will not rust, scratch or splinter.

**6CC** Stainless Steel Sponge. Wt. 2 oz.

## Trigger Sprayers

### SPRAY-MIST TRIGGER SPRAYERS



**901 - 16 oz.**

**902 - 32 oz.**

Nozzle adjusts to give a spray range from fine mist to jet - 200 lbs. pressure at nozzle. Both sprayers feature "Spray Mist" spray head which provides excellent atomization and large fog pattern, but the Deluxe style is larger and heavier. Excellent spray characteristics help promote the sale of bulk packaged liquids, such as detergents, window cleaners, insecticides, air purifiers and disinfectants.

**901** Deluxe Sprayer with 16 oz. unbreakable poly bottle. Wt. 6 oz.

**902** Deluxe Sprayer with 32 oz. poly bottle with reinforced neck. Wt. 8 oz.

### TRIGGER SPRAYER WITH HEAVY-DUTY SPRAY HEAD



Heavyweight nozzle rests comfortably in the hand and has reinforcing ribs for extra strength and long life. Sprayer tip adjusts from a fine mist to a jet stream - 200 lbs. pressure at nozzle. This trigger sprayer is designed to dispense and disperse an extremely fine mist. This excellent atomization and large fog pattern allows it to replace high cost aerosol packages. Use it as a premium to promote the sale of bulk packaged liquids, such as detergents, window cleaners, insecticides, air purifiers and disinfectants. 24 oz. plastic bottle has graduation markings in 2 oz. and 50 ml and a handy dilution guide.

**904** Heavy Duty Deluxe Sprayer with 24 oz. bottle.

## Replacement Spray Heads

Spray Heads include tubes. Tip adjusts from stream to fine spray or may be replaced with one of the Vordin upward-spraying tips.

### Spray Heads



**902H** Deluxe Spray Head with tube for 24 or 32 oz. bottles.



**901H** Deluxe Spray Head with shorter tube for 16 oz. bottles.



**902HHD** Heavy Duty Deluxe Spray Head with tube for 24 or 32 oz. bottles.

### Chemical-Resistant Spray Head



**905CR** Chemical Resistant Spray Head has Viton components. With tube for 24 or 32 oz. bottles.

### Replacement Poly Bottles



**901B**

**903B**

**M21002**

**902B**

**901B** 16 oz. Bottle.

**903B** 16 oz. Bottle with reinforced neck.

**M21002** 24 oz. Bottle with graduation markings in 2 oz. and 50 ml.

**902B** 32 oz. Bottle with reinforced neck



## Utility Hand Brush

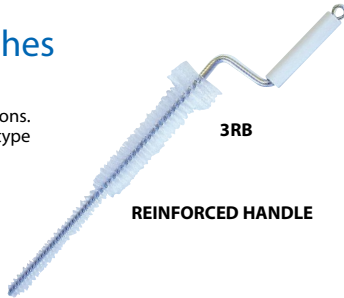
Features stiff nylon bristles and metal scraper ideal for general clean up and for scraping mud and grease in hard to reach areas. The narrow surface, the special curvature and the ergonomic handle makes it easy to handle.



Item No.	Description	Weight
RB7143	Utility Hand Brush	.25 lbs.

## Inflation Brushes

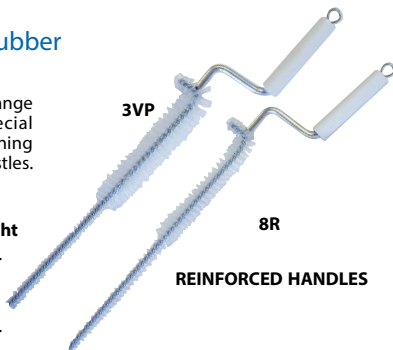
Inflation Brush. for regular size inflations. Smooth, rounded tip. White bristles are type 6.6 nylon.



Item No.	Description	Weight
3RB	Inflation Brush	.2 lbs.

## Special Inflation Scrubber

One brush scrubs entire inflation, flange included, in one easy operation. Special twisted-end design gives thorough cleaning of vacuum pocket. Soft white nylon bristles. Protective rounded tip.



Item No.	Description	Weight
3VP	Brush for regular size inflations.	.2 lbs.
8R	Brush for narrow bore inflations.	.2 lbs.

## Visi-Shell Brush

Visi-Shell Inflation Brush is designed for Bou-Matic, Strangko and "visi-shell"-type silicone inflations. White bristles are made of soft nylon.



Item No.	Description	Weight
RB1019	Visi-Shell Inflation Brush	.2 lbs.

## Nylon Claw Brushes

White bristles are made of soft nylon.

Item No.	Description	Weight
15	Small end 1/2", large end 1" diameter. With hanger loop and multi-fan tip. 13" overall.	.05 lbs.
16	Same as above with large end 3/4" diameter.	.05 lbs.
9RB	Single End Claw Brush, 8" long, 1/4" diameter bristles.	.06 lbs.
10RB	Same with 3/8" diameter bristles.	.06 lbs.
11RB	Same with 1/2" diameter bristles.	.06 lbs.
12RB	Same with 3/4" diameter bristles.	.06 lbs.

Double End Claw Brush

Single End Claw Brush

## Top Grip Scrubber

Top Grip Scrubber has polypropylene bristles and ergonomic design for a great grip. Scrubber is 4"H and 4.5" diameter.



Item No.	Description	Weight
RB3323	Top Grip Scrubber, white	7 oz.
RB3326	Top Grip Scrubber, blue	7 oz.

## Nursing Bottle Brush

Reach every corner and bend of the nursing bottle while the small end is ideal for cleaning the nipple. Bristles are soft nylon for non-scratch scrubbing action. The large end has a mixture of type 6.6 and 6.12 green nylon bristles. Small end has soft type 6.6 nylon bristles. 18" long. Wt. 3 oz.

Item No.	Description	Weight
2500R	Double-End Nursing Bottle Brush.	.15 lbs.

## Coburn® Nursing Bottle Brush for Cordless Drill



Used with a rechargeable power drill, this brush makes quick work of cleaning large numbers of two, three and four quart nursing bottles. Soft nylon bristle brush will reach every corner and bend of the bottle. Brush has a mixture of type 6.6 and 6.12 soft non-scratch bristles. We recommend running the drill at low to medium RPM for maximum life of the brush. 18.5" overall length, 5.5" wide. Wt. 6 oz.

RB7767 Drill-Operated Nursing Bottle Brush. Wt. 6 oz.

## Milk Bottle Brushes

Spiral bound with stainless steel wire on hickory handles. Soft white nylon bristles hold water and provide non-scratch scrubbing action.

Item No.	Description	Weight
844	Brush part 5-1/2" long x 3" diameter. Overall length 16-1/2".	.2 lbs.
845	Brush part 7" long x 4-1/4" tapering to 3-1/2" diameter. Overall length 16-1/2".	.25 lbs.
846	Same as above but overall length is 24".	.35 lbs.



## Bulk Tank Valve Outlet Brushes

Twisted-in wire valve brush has soft white nylon bristles set in galvanized wire with a white plastic handle. Brush part is 6-1/4", overall length 17", plastic handle. Weighs about 3 lbs. per dz.

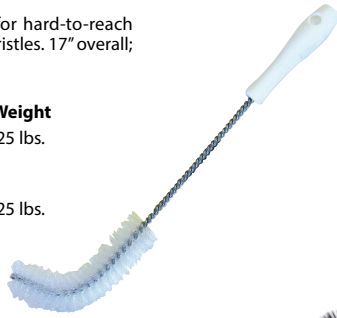
Item No.	Description	Weight
177L	Brush for 1-1/2" Valve.	.25 lbs.
178L	Brush for 2" Valve.	.25 lbs.
179L	Brush for 2-1/2" Valve.	.3 lbs.
180L	Brush for 3" Valve.	.3 lbs.



## Elbow Brush

Elbow Brush is trimmed and shaped for hard-to-reach bacteria-breeding spots. Soft white nylon bristles. 17" overall; brush length 7".

Item No.	Description	Weight
RB2019	Elbow Brush, brush diameter 1-1/2"	.25 lbs.
RB2020	Elbow Brush, brush diameter 2"	.25 lbs.



## Pop Bottle Brush

Item No.	Description	Weight
593010	Pop Bottle Brush has hinged 4" brush on 12" handle. Soft black nylon bristles	.15 lbs.



## Tubing Brush

Item No.	Description	Weight
20078	Tubing Brush for 1/4" ID tubing 16" long with Soft white nylon 3/8" bristles.	.05 lbs.



## Hose Brush

Brush part is 3" long with diameter indicated. Overall length is 99" for stanchion hoses. Soft white nylon bristles.

Item No.	Description	Weight
78RB	Hose Brush for 9/16" OD.	4 lbs. per dz.
79RB	Hose Brush for 5/8" OD.	4 lbs. per dz.



## Outside CIP Pipe Brush

This brush is designed to slip on and off easily to clean pipelines up to 3" in diameter. To extend length, order RB16102 or other handle separately. Soft white nylon bristles.

Item No.	Description	Weight
2100R	Outside CIP Pipe Brush only.	1.25 lbs.



## Nylon Bulk Tank Brushes

Tested and approved for use on dairy farms and creameries throughout the country. Plastic block has threaded, recessed handle hole for positive handle attachment. Soft white nylon bristles provide non-scratch scrubbing. Wt. 14 lbs. per dozen.

Item No.	Description	Weight
805R	Bulk Tank Brush without handle, 4-1/2" X 8-1/2". Order RB16102 or other handle separately.	.95 lbs.
806R	Bulk Tank Brush, a big 5-1/2" X 8-1/2" brush for faster cleaning. Order RB16103 or other handle separately.	1.1 lbs.



## Floating Gong Brushes

LONG HANDLES		Weight
Item No.	Description	
360	20" Gong, yellow polypropylene bristles, tan floating block.	.75 lbs.
363	20" Gong, polyester bristles, white floating block.	.75 lbs.
368RB	20" Gong, white polypropylene bristles, tan floating block.	.7 lbs.

SHORT HANDLES		Weight
Item No.	Description	
350	8.5" Gong, yellow polypropylene bristles, tan floating block.	.45 lbs.
353	8.5" Gong, white polyester bristles, white floating block.	.45 lbs.
358RB	8.5" Gong, white polypropylene bristles, tan floating block.	.45 lbs.



## Cleaning Cable Kit

Use Brush only, Burr only, or Both

To use, slip the plastic covered steel cable through the hose, snap wall and cable fittings together, attach brush part to cable and walk away as the hose is thoroughly cleaned. Bristles are white nylon.

COMPLETE OUTFITS		
Item No.	Description	Weight
70RB-A	8'4" Cable with 3/8" burr and 7/16" brush; for 7/16" hose.	.35 lbs.
70RB-B	8'4" Cable with 7/16" burr and 1/2" brush; for 1/2" hose.	.35 lbs.
70RB-C	8'4" Cable with 1/2" burr and 9/16" brush; for 9/16" hose.	.35 lbs.
70RB-D	8'4" Cable with 9/16" burr and 5/8" brush; for 5/8" hose.	.35 lbs.
70RB-E	8'4" Cable with 11/16" burr and 3/4" brush; for 3/4" hose.	.35 lbs.



Cable Kit Replacement Parts Available

## BRISTLE COMPARISON

- **Polypropylene** Stiff with good resistance to abrasion and water. Excellent acid resistance. For use up to 225°F.
- **Polyester** Stiff and water-resistant. Higher temperature resistance than polypropylene. Good acid and abrasion resistance.
- **Nylon** Soft nylon is non-scratching, softens when exposed to water, good for washing stainless steel and polished surfaces.



# Sparta® **CARLISLE** Deluxe Dairy Brushes

Deluxe Carlisle Brushes are available in several colors. Color-coding can help prevent cross contamination in the dairy and food processing facilities of all types.

## Bottle & Valve Brush



Clean bottles, jars or valves with the cleaning power of dense stiff polyester bristles in four color choices. White plastic handle has knurled grip. Overall length given.

Item No.	Description	Weight
SP1010	16" Brush, white bristles.	.35 lbs.
SP11010	16" Brush, red bristles.	.35 lbs.
SP31010	16" Brush, yellow bristles.	.35 lbs.
SP41010	16" Brush, green bristles.	.35 lbs.
SP2050	12" Brush, white bristles.	.2 lbs.

## Floating Scrub Brush



Medium stiff polyester bristles are set into a foam block that won't crack or chip but will float. Durable, economical scrub brush. Overall length, 8".

Item No.	Description	Weight
SPH53	Brush, white bristles.	.45 lbs.
SP10053	Brush, red bristles.	.5 lbs.
SP40053	Brush, green bristles.	.5 lbs.
SP30053	Brush, yellow bristles.	.5 lbs.

## Hercules Gong Brush



Soak-proof Hercules Gong Brush has soft white nylon bristles set into a pistol grip plastic block handle. White only.

Item No.	Description	Weight
SP45	Hercules Gong Brush. 8" overall.	.5 lbs.
SP46	Hercules Long Gong Brush. 20" overall.	.65 lbs.

## Sparta® Utility Scrub Brush



Hercules Utility Scrub Brush has white plastic pistol grip handle and crimped polyester bristles which will not absorb oils or moisture. Handles are ergonomically shaped and bristles have multiple trim angles for better surface contact. Brush is 20" long.

Item No.	Description	Weight
SP47	Hercules Gong Brush	.75 lb.

### BRISTLE COMPARISON

- **Polypropylene** Stiff with good resistance to abrasion and water. Excellent acid resistance. For use up to 225°F.
- **Polyester** Stiff and water-resistant. Higher temperature resistance than polypropylene. Good acid and abrasion resistance.
- **Nylon** Soft nylon is non-scratching, softens when exposed to water, good for washing stainless steel and polished surfaces.

## Large Bulk Tank Brush



Flare head design assures all-around thorough cleaning. Crimped nylon bristles have excellent chemical resistance and are staple set into solid plastic head. Brush head is 5.5" x 9". Can be used with different length threaded handles to reach bottom of tanks. Constructed of FDA approved materials and is BPA free. Made in the USA.



Item No.	Description	Weight
SP4004200	5.5" x 9" Bulk Tank Brush white nylon bristles	1.25 lbs.

## Jumbo Three-Hole Tank Brush

The advantages of three holes is to give angled cleaning action and uniform wear on the brush. The white plastic block has two angled holes on either side of the standard center hole. Soft white nylon bristles are crimped and hold water well. Brush head is a jumbo 6" X 10.5". Order handle separately.



Item No.	Description	Weight
SP41220	Jumbo 3-Hole Tanker Brush	1 lb.
SP021-36T	Threaded Plastic Handle, 36"	1.3 lbs.

## Valve & Fitting Brushes



Designed for cleaning straight pipes, elbows, tees, and valves. Stiff polyester bristles set in galvanized wire with plastic handle. Constructed of FDA approved materials and is BPA free. Made in the USA. 15" overall length.

Item No.	Description	Weight
SP4018002	1" Valve and Fitting Brush	.25 lbs.
SP4018102	1.5" Valve and Fitting Brush	.25 lbs.
SP4018202	2" Valve and Fitting Brush	.25 lbs.
SP4018302	2.5" Valve and Fitting Brush	.3 lbs.
SP4018402	3" Valve and Fitting Brush	.35 lbs.

## Brush Rack



## Bottle Brushes



White wirewound bristles with all plastic handle for cleaning jars, bottles, and glasses with smaller openings. Brushes are constructed of FDA approved materials and BPA free. Made in the USA.

Item No.	Description	Weight
SP1515	4" Diameter Milk Bottle Brush 24" overall length	.45 lbs.
SP4046702	3" Diameter Milk Bottle Brush, 16" overall length	.3 lbs.
SP4046800	4" Diameter Milk Bottle Brush 16" overall length	.4 lbs.

## Bulk Tank Brush

Flare head brush bristles are set into solid white plastic block. Flare head assures reaching all corners at any angle. Brush head is 5.5" X 7.5". Order handle separately.

Item No.	Description	Weight
SP358PB	White with soft white nylon bristles	0.75 lbs.
SP10358	Red, polyester bristles	0.8 lbs.
SP30358	Yellow, polyester bristles	0.8 lbs.
SP40358	Green, polyester bristles	0.8 lbs.
SP021-36T	Threaded Plastic Handle, 36"	1.3 lbs.

## Floor Drain Brush

Polypropylene bristles are stiff and chemical-resistant for tough drain cleaning. Brush head is 6" X 4". Order white plastic handle separately. Handle is stamped "Use for Floor Drain Only" for safety and convenience.

Item No.	Description	Weight
SP439-4	Floor Drain Brush Head, black polypropylene bristles.	.3 lbs.
SP031-48	48" White Plastic Handle "Use for Floor Drain Only"	1.75 lbs.



Heavy gauge anodized aluminum rack has solid aluminum pegs. Offset design and angle of pegs keeps brushes away from the wall. Holes are on 16" center to fit standard studs.

Item No.	Description	Weight
SP465	Brush Rack	.25 lbs.



# Scrub Brushes

## Floating Swiss Pail Brush



Polyester bristles are set in a floating block which will not chip or breed bacteria. Overall length is 6"; bristles have a 1-3/8" trim.

- 450FO** Yellow bristles, yellow block. Wt. .35 lb.
- 456FO** White bristles, white block. Wt. .4 lb.

## Nylon Hand Scrub



This 6" Nylon Hand Scrub Brush features an ergonomically shaped handle and crimped, rugged Spartaset polyester bristles. Made in the USA.

- SP4052000** 6" Nylon Hand Scrub. Wt. .3 lb.

## Truck/Wall Brush SCRATCH FREE - WET OR DRY



Truck, wall and window brush has soft green nylon bristles which are scratch-free, wet or dry, hold liquid well and are firmly affixed in the foam block. White plastic bumper helps protect surfaces from scratches or bump. Order threaded handle separately.

- RB9016** 10" Window/Wall Brush, 2-5/16" trim. Wt. 1.4 lbs.

## Hi-Lo Floor Brush



Three-position Hi-Lo Floor Scrub Brush is designed for maximum cleaning action in open areas or under equipment. Polypropylene bristles are set in foam block with a hole for threaded handle. Brush is 10" X 4.5". Order threaded handle separately.

- SP38X** Hi-Lo Brush, yellow bristles. Wt. 1.3 lbs.
- SP38XWT** Hi-Lo Brush, white bristles. Wt. 1.3 lbs.

## Hi-Low Truck Brush



Soft green nylon bristles hold liquid well and will not scratch. Sanitary unbreakable plastic block is 10" and the bristles are trimmed to 2-5/16". Order any of our threaded handles separately.

- 17110RB** Hi-Low Truck Brush, green nylon bristles. Wt. 1 lb.

## Tri-Level Floor Brush



Tri-Level Floor Scrub has bristles on three angles and features unbreakable, sanitary plastic block set with yellow polyester bristles. Block is 10" and bristles are trimmed to 1-3/4". Order threaded handle separately.

- 17120RB** Tri-Level Floor Brush, yellow polyester bristles. Wt. 1.3 lbs.

## Flared Flo-Thru Brush



Soft non-scratching type 6.12 nylon bristles are set in a foam block and flared for a 5" X 12" bristle spread. Water flows through holes in the block. Block has both threaded and tapered handle holes. Order handle separately. We recommend the SP041-60 5 ft. Fiberglass Flo-Thru Handle with shut-off valve.

- SP10785** Flo-Thru Brush, red bristles. Wt. 1.1 lbs.

## Wing-Style Handle Brace



**BRACE ONLY  
HANDLE & BROOM  
NOT INCLUDED**



Wing-Style Broom Handle Brace Assembly includes all necessary nuts and bolts for installing on one broom. Works with any broom or brush to strengthen the handle and extend the life of the broom. Broom and HANDLE are NOT Included.

- 16501** Wing-Style Broom Brace Only. Wt. \_\_\_ lbs.

## Floating Scrub Brushes



Bristles are set in a structural foam block that will not crack, split, absorb water or harbor bacteria but will float in liquid. Block is 8.5" overall. Oval-trimmed polyester bristles are 1-3/4".

- 6012-06** Scrub Brush, blue. Wt. 10 oz.
- 6012-05** Scrub Brush, red. Wt. 10 oz..
- 6012-03** Scrub Brush, white. Wt. 10 oz..



## Flo-Thru Nylex Truck/ Wall Brush



Flo-Thru Brush has soft Nylex bristles set in a non-absorbent plastic block that will not crack or chip. Excellent for cleaning a variety of surfaces and features a rounded block to help protect painted surfaces and delicate trim. Constructed of FDA approved materials and made in the USA. Brush is 3"W x 9.5" L. Order handle separately. We recommend the SP041-60 5 ft. Fiberglass Flo-Thru Handle with shut-off valve.

- SP4005075** Flo-Thru Nylex Truck/Wall Brush. Wt. 1.3 lbs.



## Polypropylene Scrub Brush



Stiff crimped chemical resistant polypropylene bristles make this brush great for general scrubbing. Synthetic filament is not affected by solvents or acids. BPA free and made in the USA. Brush is 10" L x 2.75"W. Order threaded handle separately.

- SP3617514** 10" Polypropylene Scrub Brush. Wt. 1 lb.

## Universal Handle Brace



A no-hassle universal handle brace for brooms and floor sweeps makes them last longer. Easy to put on. No holes to drill. This low cost brace pays for itself many times over.

- RB16500** Universal Broom Brace. Wt. .2 lb.

# Farm & Dairy Brooms

## Extra Long and Extra Light Push Broom



This broom sweeps over a 2' wide swath but weighs only about half as much because of narrow block and only 2 rows of bristles instead of usual 4 or 5. Bristles are blue plastic set in a wooden block. Order tapered wood handle separately.

**588** 24" Broom with 2 rows of heavy plastic bristles, 4-1/4" trim. Wt. 1.9 lbs.

**589** 24" Broom with 2 rows of heavy plastic bristles, 5-1/4" trim. Wt. 2 lbs.

## Fiber Barn & Street Broom



**SAFE DIGESTIBLE BRISTLES**

Only brooms with digestible fiber bristles should be used in manger or feed areas. Plastic bristles can be dangerous to livestock when swallowed.

This heavy duty barn and street push broom is for rough surfaces. Four rows of tough fiber with extreme side and end flare. Trim is 6-1/4". Smooth wood block has two handle holes. Order tapered wood handle separately.

**786R** 24" Palmyra Fiber Push Broom. Order handle separately. Wt. 3.1 lbs.

## Omni Floor Sweep



Omni Sweep does the work of three brooms. Heavy black bristles in the front break up heavy debris and the lighter blue bristles gather up even fine dust and particles. Synthetic bristles are chemical-resistant, angled for efficient sweeping, and set into a hygienic plastic block. Order threaded handle separately.

**SP41880** 18" Omni Sweep Floor Sweep. Wt. 30 lbs. per pack of 12. Trim 1-3/4" to 2-1/2".

**SP41881** 24" Omni Sweep Floor Sweep. Wt. 40 lbs. per pack of 12. Trim 1-3/4" to 2-1/2".

## Floor Garage Brush



Floor Brush has plastic block filled with stiff, plastic bristles. Great for heavy sweeping in garage, milkhouse, light snow, etc. Will not crack, chip or breed bacteria. 3" trim. Order threaded handle separately.

**RB11402** Garage/Floor Brush, 18" block. 2 lbs.

**RB11403** Garage/Floor Brush, 24" block. 3 lbs.

**BLUE POLYESTER BRISTLES**



## Popular Barn Brooms

Heavy duty push brooms have long been popular for barns, streets, etc. Dirt won't clot up these brooms. Moisture-resistant, straight bristles stay free of dirt. The long-wearing blue polyester bristles speed up sweeping, wear much longer and are not affected by most liquids. Order tapered wood handle separately.

**272** Cairo Push Broom, 14" block (18" sweeping surface), 4-1/4" trim. Order handle separately. Wt. 2.5 lbs.

**270** Cairo Push Broom, 16" block (20" sweeping surface), 4-1/4" trim. Order handle separately. Wt. 3 lbs.

**986R** Cairo Push Broom, 24" block (28" sweeping surface), 5-1/4" trim. Order handle separately. Wt. 6 lbs.

## Bass Fiber Milkhouse Broom



Heavy fill of the finest fiber available, securely set in the metal cap and riveted under pressure. Steel band adds strength. 4.5 ft. wooden handle.

**RB15300** Broom Milkhouse Broom. 2.5 lbs.

## Polypro Milkhouse Broom



Plastic bristle milkhouse broom is long lasting and will not rot or breed bacteria. Ideal for tough sweeping jobs in extremely wet area. Steel band adds strength. 4.75 ft. wooden handle.

**RB15301** Upright Broom. Wt. 2.5 lbs.

## Corn Broom



Heavy duty 100% broom corn warehouse broom. Use in feed lanes or other tight areas. A great house broom for heavier sweeping.

**RB15100** Corn Broom. Wt. 3 lbs.

**TAPERED WOOD HANDLE**



Tapered Wood Handle is 1-1/8" diameter. Used with several of our push brooms and foam squeegees.

**16H** Tapered Wood Handle 4.5 ft. Wt. 19 lbs. per bndl. of 12.

**17H** Tapered Wood Handle 5 ft. Wt. 21 lbs. per bndl. of 12.

**18H** Tapered Wood Handle 6 ft. Wt. 25 lbs. per bndl. of 12.

**FLO-THRU HANDLE**



**SP041-60** Flo-Thru Fiberglass Handle with shut-off valve, 5 ft. Wt. 10 lbs. per bundle of 12.

## Handles For Brushes & Brooms

**THREADED WOOD HANDLES**



Handle made of 1-5/16" wood has threaded metal tip. Order for use with floor sweeps, tank and scrub brushes that take threaded handles.

**RB16201** 4 ft. Threaded Wood Handle. 11 lbs. per bundle of 12.

**RB16202** 5 ft. Threaded Wood Handle. 12 lbs. per bundle of 12.

**THREADED FIBERGLASS HANDLES**



Threaded Telescoping Fiberglass handle has a 1" diameter and can extend from 4.5 ft. to 8 ft. Suitable for floor sweeps or tank, truck or scrub brushes that take threaded handles. Made in the USA.

**SP4102002** Threaded 4.5 ft. to 8 ft. Telescoping Fiberglass Handle. Wt. 2.5 lbs.



Threaded fiberglass handles are lightweight and durable. Will not warp, crack or chip from moisture. Bacteria free. Order for floor sweeps, tank, truck and scrub brushes that take threaded handles.

**RB16102** 3 ft. Threaded Fiberglass Handle. 8 lbs. per bundle of 12.

**RB16103** 4 ft. Threaded Fiberglass Handle. 14 lbs. per bundle of 12.

**RB16105** 5 ft. Threaded Fiberglass Handle. 19 lbs. per bundle of 12.





## Floor Squeegee



A heavy duty dirt and water chaser that has a straight steel-backed floor rubber that plows a full wide swath. Baked enamel 1" angle steel frame; 5/16" x 2" pure red gum rubber squeegee, rugged steel handle brace. Order No. 16H handle separately.

**SP2418** Squeegee, 18" wide. Wt. 3 lbs.

**SP2424** Squeegee, 24" wide. Wt. 3 lbs.

**SP2436** Squeegee, 36" wide. Wt. 4 lbs.



SPECTRUM COLOR-CODED

## Squeegees



A variety of colors provides for "zone isolation" to prevent cross-contamination. Squeegees are all plastic so will never rust or scratch. Rigid frame allows for easy removal and replacement of foam cartridges which are double bladed for double life. Order threaded fiberglass handle separately.

**SP4156705** Red **SP4156714** Blue

18" Spectrum Foam Squeegee. Wt. .35 lb.

**SP4156805** Red **SP4156814** Blue

24" Spectrum Foam Squeegee. Wt. .5 lb.

## Jug Pump Dispensers



Our poly JugPump Dispensers are well made and operate smoothly. 22-501 is not suitable for corrosive liquids as it has metal springs. Dispenser have threaded caps.

**22-501** 1 oz. Dispenser for gallon jug.

**22-503** 1 oz. Dispenser without spring. May be used with corrosive liquids. 70mm cap and longer tube for use with 5 gal. containers.

Cleaning & Sanitizing

## Stainless Steel Hose Chutes



Heavy-duty Hose Chutes have triple riveted piano hinges with brass pins. Stainless Steel Chute has a weighted, self-closing outer door (without insulation) and has approx. 5.5" hose opening. Hose chutes fit into a wall opening of approx. 6" square.

**59TM-SS** Stainless Steel Hose Chute. Extends from 5" to 9". Wt. 6 lbs.

**815TM-SS** Stainless Steel Hose Chute. Extends from 9" to 13". Wt. 7 lbs.

## Hand Water Pump



This water-transfer hand pump is a great solution for water removal in field and farm where an electrical pump is not an option. It is made of PVC so will not rust or corrode. It is solvent-welded, lightweight and portable. Pump is 1-3/4" in diameter, 3 feet long, delivers 35 oz. per stroke and has a 6 foot outlet hose.

**WP10** Hand Pump. Wt. 2 lbs.

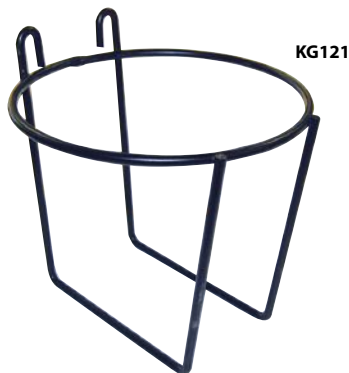
## Liquid Dispensers



**41475GL** Polyethylene Faucet for Pails and Drums. 3/4" NPT tap. Gold color.

**428TDP08** Polyethylene/polyurethane Drum Pump, dispenses 8 oz. per stroke. Fits 3/4" and 2" drum openings and 5 gal. pails with Rieke Senior Spout. Grey & white.

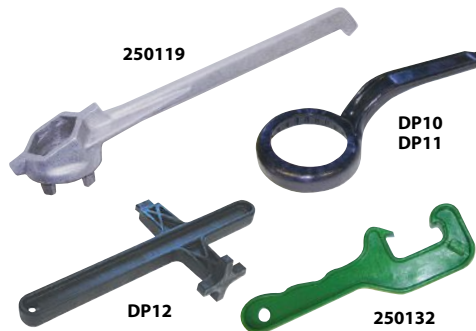
## EPOXY COATED WIRE Gallon Jug Holder



Made of smooth black 1/4" powder-coated wire, this handy Jug Holder will accommodate square or round gallon jugs. Very convenient for the home, garage, barn or milkhouse.

**KG121** Single Gallon Jug Holder. Wt. 1lb.

## Drum/Pail Openers



**250119** Aluminum Drum Wrench will open all types of 3/4" and 2" closures, steel, plastic, round or hex, including Rieke PolyVice grip plugs. Preferred by professionals for its light weight and multiple uses. 12" overall length. Wt. 8 oz.

**DP10** Multi-Use Drum Wrench easily removes 70mm caps and 3/4" slotted drum plugs. Made of fiberglass filled nylon, Drum Wrench is strong, safe and lightweight.

**DP11** Multi-Use Drum Wrench same as above for 63mm caps.

**DP12** Drum Wrench for 55 gallon Drums. Fiberglass and nylon, strong safe & lightweight.

**250132** Drum/Pail Opener is design to open both pails and drums. Molded of durable high strength fiberglass, it will work on most 2" or 3/4" plastic drum plugs and on standard open-head plastic pails. Color may vary.

## Faucets for Drums



Economy Polyethylene Faucet for Pails and Drums has a 3/4" NPT tap and includes a gasket to prevent leaking. The venting feature helps prevent flow problems such as "glugging" or restricted flow. Faucets are red and white.

**41475-05** Polyethylene Faucet for drums, 3/4" thread, non-vented.

**41474-05** Vented Polyethylene Faucet for drums, 3/4" thread.





Ezi Pump shown with optional Measure Jug & Adapter (SMK1)

Colored Lock Straps Optional

560-1004 Drum Fitting

SK Service Kit



**Ezi-action®**

## Safety Drum Pump

Ezi-Action Safety Drum Pump provides superior design and safety features in four sizes from 5-gallon pails to IBC Totes. Smooth pump action delivers approximately 15 oz. per stroke on both the up and down stroke for continuous action. The polypropylene material is resistant to a range of acidic, caustic and chlorine-based chemicals. FDA approved.

Ezi-Action Pumps are designed with safety features to avoid user contact with chemical. A lock strap prevents accidental pumping and the spout is long enough to accept a hose and clamp for bottom filling of containers. Pumps include adapters for most commonly-used containers. Pumps are vented through the connectors and safety cap adapter. Optional Safety Measure Jug with Adapter is available separately for direct filling into the jug. 24 oz. Jug is calibrated for ounces and mls.

Pumps are provided with a white lock strap to prevent accidental pumping. Optional colored straps are available for color-coding or for color contrast.

**1000/220** Pump for IBC Tote. Wt. 3 lbs.

**200/50PP** Pump for 55-Gallon Drum. Wt. 3 lbs.

**60/15PP** Pump for 15-Gallon Drum. Wt. 2 lbs.

**25/5PP** Pump for 5-Gallon Pail. Wt. 1 lb.

**SMK1** Optional Safety Measure Jug including safety cap adapter. Wt. .5 lb.

**SF-02** Optional Safety Strap, yellow.

**SF-05** Optional Safety Strap, red.

**SF-06** Optional Safety Strap, blue.

### Service Parts

**SK** Polypropylene Service Kit

**V2** Plunger Valve Holder & Flap

**V1** Foot Valve Holder & Flap

**560-1001** Pump Adaptor for 63mm Internal Thread

**560-1002** Pump Adaptor for Flexi Pour Spout Lid

**560-1003** Pump Adaptor for 57mm Internal Thread

**560-1004** Drum Fitting for Ezi-Action Drum Pumps

Cleaning & Sanitizing



## High Volume Lockable Milkhouse Pump

High Volume Dairy Pumps are lockable and labeled for safety, and they dispense a large volume of liquid per stroke due to the large 1.5" diameter tube. Threaded twist handle prevents inadvertent lifting and an anti-siphon spout reduces dripping. Pumps are suitable for most five-gallon chemical containers. Pumps are vented through the connectors.

High Volume Pumps include standard adapter and are boxed with instructions. There is **No Warranty** on pumps once they have been used.

**DP12SPSTHV** High Volume Dairy Pump, 12" body, dispenses 8 oz. per stroke. Wt. 1 lb.

**DP18SPSTHV** High Volume Dairy Pump, 18" body, dispenses 10 oz. per stroke. Wt. 1.5 lbs.

## Chemical-Resistant Glove



**A730** Nitril-Solve Waterproof Glove is made of 15 mil Nitrile with flock lining. A good choice when handling harsh cleaners, petrochemicals, oils and greases. Specify small, medium, large or extra large by add S, M, L or XL after the stock number.

## 1-Piece 55 Gallon Drum Pump



The 1-Piece Drum Pump allows easy, directional dispensing of detergents, waxes, alkalis and water into receiving containers. 36" barrel length, 30" hose length, dispenses 11 oz. per stroke.

**MP3630S** 1-Piece 55 Gallon Drum Pump. Wt. 1.5 lbs.



DP12SPS

## Lockable Milkhouse Pumps

Pump Dispensers for five-gallon chemical containers include features to make it safe for use with the caustic cleaners of the milkhouse. A special strap may be locked to prevent unauthorized use. (key or padlock not included) and a threaded twist handle prevents inadvertent lifting. An anti-siphon spout reduces dripping after dispensing and the Pump features a "Dairy Farm Safety" warning label. Pumps are vented through the connectors.

Pumps have threaded intake for containers with 3/4" openings and, except for the 36" model, include an 18" dip tube. All models may be inserted directly into the reservoir using the 2" bung opening adapter included. Pumps are boxed with instructions. There is No Warranty on pumps once they have been used.

**DP12SPS** Dairy Pump, 12" body, 18" dip tube, dispenses 6 oz. per stroke. Wt. 1 lb.

**DP18SPS** Dairy Pump, 18" body, 18" dip tube, dispenses 8 oz. per stroke. Wt. 1.5 lbs.

**DP36SPS** Dairy Pump, 36" body, dispenses 11 oz. per stroke. Wt. 2 lbs.

**DP36DT** Dip Tube for 36" Dairy Pump.

**DP15BGS** Blue Gooseneck Spout.

**DP02** Collar Adapter for Beckson Chemical Pumps



Kick-Stop fits any size animal by means of an easy, pushbutton adjustment. Just slip it on and push the button for proper fit. Fits snugly over back for optimum control.

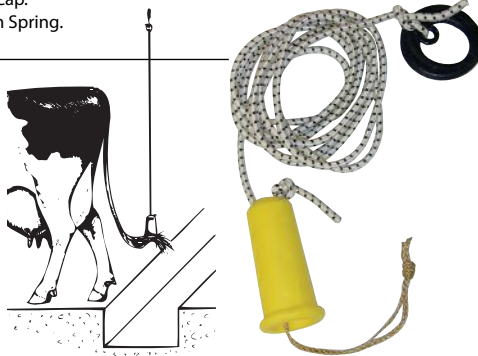
Kick-Stop is handy and easy to carry. It weighs only 4 lbs. as compared to other anti-kick devices weighing 12 lbs. or more. It is built for heavy duty work and will be welcomed by every stock owner who handles or treats cattle.

**210KS** Kick Stop, individually boxed with informative label. Wt. 4 lbs.

**210CP** Replacement End Cap.

**210SP** Replacement Button Spring.

## Tail Holder



For cleaner cows and better conditions in the stanchion barn, handy Cow Tail Holder consists of a nylon-coated elastic cord with an ingenious tail holder at one end and a plastic split ring at the other. Attach to tail bristles and loop into an overhead hook or line so that the tail stays about 15" above gutter.

**CTH** Cow Tail Holder. Bagged.

## Kow Kant Kick

Kow Kant Kick fits any size animal. Just slip on over the animal's back and crank tight to depress muscles that control kicking. Works either side of pin bones to immobilize rear legs only. Rubber tipped arms protect animal.

**208** Kow Kant Kick. Wt. 13 lbs.

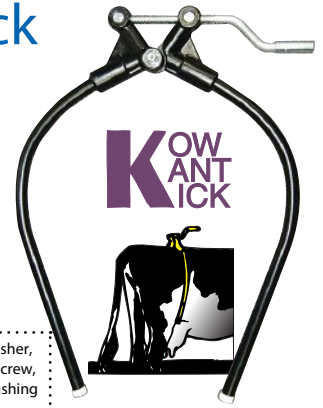
### Parts for Kow Kant Kick

**AK377** Threaded Handle.

**AK378** Leg & Casting.

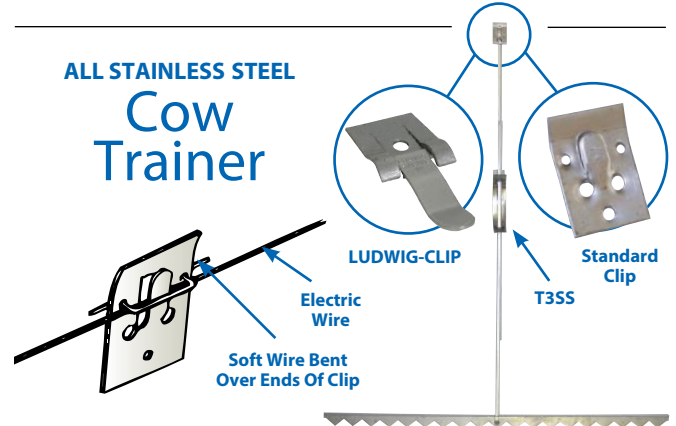
**AK389** Parts Package. Contents:

One each of **AK377** Threaded Handle, **AK376** Washer, **AK375** Bolt, **AK374** Nut, **AK372** Washer, **AK371** Screw, **AK370** Unthreaded Bushing, **AK369** Threaded Bushing and three **AK373** Washers.



### ALL STAINLESS STEEL

## Cow Trainer



Notched Bar Cow Trainer is made entirely of stainless steel for long life and durability. Stainless Steel Cow Trainer may be used with standard no. 12 or no. 14 electric fence wire and standard insulators (see Index). To install, string electric wire 18 to 22" from back of stanchion line. A U-shaped piece of soft wire is used to fasten the standard clip to the electric wire, but the spring-loaded LUDWIG-CLIP requires no extra piece of wire as the tab folds down to hold the wire. Stainless steel replacement parts, hanger clip, bars and adjusting clip, are available separately.

**T55** Stainless Steel Cow Trainer with standard clip, ea.

**T55-LUDWIG** Stainless Steel Cow Trainer with LUDWIG-CLIP, ea.

**T355** Replacement Adjusting Spring.

**LUDWIG-CLIP** Replacement

LUDWIG-style clip.

### 1N Deluxe Notched Bar with Sharp Points

Cross bar has 29 sharp points for best results. The ultimate for sure control, even with rubber mats. With solid hard-steel flat bar hangers. Equipped with Magi-Klip and insulator.

**1N** Trainer with 29 points. Package of 5. Wt. 3 lbs.

### 2 Straight Bar without Points

Straight bar type Trainer equipped with Magi-Klip and insulator for shock-free adjusting. With solid hard-steel flat bar hangers, cadmium plated.

**2** Trainer with Straight Bar. Package of 5. Wt. 3 lbs.

### 3 Notched Bar

Galvanized notched bar has points at 98° angle and no sharp edges. With solid hard-steel flat bar hangers, cadmium plated and equipped with Magi-Klip and insulator.

**3** Trainer with Notched Bar. Package of 5. Wt. 3 lbs.

### 4 Flexible Electric

This model eliminates need for clips. Simply tie trainer hanging lines to overhead wire. Then fasten the rubber-coated fine strand insulated copper wire lead from overhead hot line to cross bar. Easy-to-reach, shock-free adjustment. Trainer is free to swing or rise if bumped...no bending or injury.

**4** Flexible Trainer with Notched Bar. Package of 5. Wt. 2 lbs.

## Electric Cow Trainers

**1N**

**DELUXE NOTCHED BAR**

**2**

**STRAIGHT BAR WITH POINTS**

**3**

**NOTCHED BAR**

**4 FLEXIBLE ELECTRIC STYLE**  
EASY TO REACH SHOCK FREE ADJUSTING

**7MC HEAVY DUTY CLIP**

**COW TRAINER PARTS**

**6MC** Magi-Klip. Adjust trainer without turning off fence controller.

**7MC** Heavy Duty Reversible Clip. Pack of 10.

**8WC** Top hanger clip. Pkg. of 10.

**8EB** Extension bar with Magi-klip.

## Digital Platform Scales



790-0005

790-0006

Scales are equipped with a 6' cord and 1" LCD read-out. Control panel can be wall mounted for saving space and eye level readings. Scales runs on either the adapter (included) or 6 AA batteries (not included) and they have non-skid feet and a removable platform.

**790-0005** 150 Lb. (68 Kg) Capacity Stainless Steel Platform Scale. Wt. 12.8 lbs.

**790-0006** 400 Lb. (181 Kg) Capacity Steel Tread Plate Platform Scale. Wt. 12.6 lbs.

## Dial Scale



790-0002

790-0001

Scale is equipped with metal ring at the top and a heavy-gauge S hook at the bottom. It's made of durable solid steel casing and has an easy-to-read rotation dial with red pointer. Adjustment control.

**790-0001** 70 Lb. (32 Kg) Capacity Dial Scale. Wt. 3.4 lbs.

**790-0002** 20 Lb. Capacity Galvanized Steel Tray Scoop with Chains. Wt. 3.0 lbs.

## Hanging Scales



790-0003

790-0004

Scales have durable steel housing and are easy to read with a red pointer. Hanging hooks and rings are included for easy mounting and use.

**790-0003** 70 Lb. (32 Kg) Capacity Hanging Scale. Wt. 1 lb.

**790-0004** 280 Lb. (128 Kg) Capacity Hanging Scale. Wt. 5.2 lbs.

## Surcingle & Rod



Surcingle consists of a heavy-duty strap with brass grommets and corrosion resistant triangle.

**848** Surcingle, 8 ft. long. 13 Brass grommets.

**10JSU2** Rod only for Surcingle. For suspended-type milkers. Wt. 1 lb.

## Split Gard Safety Cow Hobble



Strong, lightweight cow hobble provides ideal protection against slipping and splitting out in all conditions. It allows a spread of 21" so cows can walk freely yet be protected against splitting out. One-piece unit is made of strong, soft 1-1/2" wide nylon webbing with nickel-plated hardware and adjustable hook-and-loop closure.

**SGCH** Split Gard Cow Hobble. Wt. 4.2 oz.

## Gate Latch



Heavy duty latch for gate or barn door installs right or left and is made of zinc plated, 7/16" diameter rod. Complete with brackets, wood screws and lockable latch. In display carton.

**1263** Barn Door/Gate Latch. Wt. 1.5 lbs.

## Barn Door Hinges



HTH10

HTH8

These super heavy duty barn door hinges are all hot-dipped galvanized 8 gauge steel, built for the toughest jobs. Bolt pulls out to remove door.

**HTH10** Heavy Door Hinge. 7" x 2" plate, 9" tongue. Wt. 4 lbs.

**HTH8** Heavy Door Hinge, 9.5" x 5". Wt. 1.25 lb.

## Barn Door Latches



Available in two attractive finishes, this Steel Latch works well for swinging doors on sheds, barns and garages. Handle lugs are built to stand hard wear and a strong spring ensures secure latching. A wide base on the front prevents screws from pulling out and there are no rivets, pins or welds to fail. Two strong lugs take all the pull. Latches are adjustable for doors up to 2" thick. Ship weight 1 lb.

**56101** Steel Latch, bright zinc finish.

**56102** Steel Latch, satin black finish.

## Barn Tie Ring

Multi-Purpose Galvanized Steel 2.5" diameter welded ring is looped through 2" x 2" fastening plate with 4 screw holes.

**R4** All-Purpose Tie Ring. Wt. 6 oz.



## Heavy Duty Cow Hobble



822-6000

Adjustable heavy-duty Cow Hobble is made of leather-reinforced nylon webbing. Positive lock and roll-style buckles make them secure and easy to adjust.

**822-6000** Heavy-Duty Cow Hobble. Wt. 3/4 lb.

## Cow Hobble



Cow Hobbles stop cow from kicking or swinging tail. Hooks over tendons of hind legs and adjusts to any size cow.

**15B** Cow Hobble, galvanized steel. Wt. 1.5 lb.

## Cow Cufflinks



The Cow Cufflink is a hobble-type device which prevents kicking and is also used to keep animals stable after difficult calving or in slippery conditions. It is easily buckled onto the cow's ankles and is adjustable from 12" to 21" making it suitable for a wide range of breeds, sizes and conditions. Cow Cufflink is made of 6000 lb. tensile strength nylon webbing with stainless steel rings and positive lock buckles. Cufflink is durable, washable and made in the USA. Wt. 10 oz.

**397-05** Cow Cufflink, red.

**397-06** Cow Cufflink, blue.

## Hook & Loop Cow Hobble



This Cow Hobble is made of sturdy 1-1/2" strapping with generous stitched-on strips of hook & loop material. When properly placed on hind legs, hobble prevents slipping and splaying of legs and is especially useful when hindquarters have been weakened by calving. Secure, comfortable, light weight, washable, and easy to put on. Nickel-plated hardware.

**2VCH** Hook & Loop Cow Hobble Strap.



## Foot Bath

- SELF-SUPPORTING
- EXTRA LARGE



Hoof and foot problems are a leading cause of milk production losses. A well-designed foot bath filled with disinfecting solution and placed at the exit areas of the milking parlor or stall barn is an efficient way to treat foot rot, heel erosion, and other hoof problems.

Thick-walled one-piece medium-density polyethylene Foot Baths will never rot or rust. The ribbed contoured interior provides good traction and allows hooves to spread for thorough contact with solution.

Rigid Foot Baths are self-supporting for quick installation. No wooden framing is required. Shipped by truck.

**PD72** Rigid Side Foot Bath. 3' wide by 6.5' long by 6" deep, 55 gallon capacity. Wt. 40 lbs.

**PD84** Mega-Size Rigid Side Foot Bath. 4.5' by 7' long by 6" deep, 75 gallon cap. Wt. 80 lbs.

## Foot Baths



Wood frame not included

Hoof, heel and foot problems can cut into profit margins for dairy and livestock producers. A Foot Bath is an efficient way to administer medications and is also ideal as a preventative when used with diluted solution and placed for daily walk-through.

Foot Bath is made of sturdy black polyethylene with a molded-in non-skid bottom. Sides are shaped to conform to a simple wooden frame (not-included). Use two-by-sixes to frame the mid-depth PD34 and PD37. (Instructions included.)

**PD34** Poly Foot Bath, 3' x 4' x 5.5" deep, 34 gallon capacity. Wt. 30 lbs. Shipped by truck.

**PD37** Poly Foot Bath, 3' x 6' x 5.5" deep, 52 gallon capacity. Wt. 40 lbs. Shipped by truck.



## Hoof Treatment Mat



Hoof and foot problems, including hard-to-treat hairy wart are a major cause of milk production losses. Treatment with a mat presents several improvements over conventional foot baths.

• **Easy to Install.** Hoof Treatment Mat is made of strong poly mesh stitched to an inner foam liner. Mat should be placed at the entrance to the milking area on a level surface, soaked with treatment solution, and lifted every day for rinsing and drying overnight. Use fresh solution every day. Mat weighs only 17 lbs. unfilled, much lighter than a foot bath.

**Effective.** Treatment solution is forced up into the crevices of the hooves by hydraulic pressure on the liquid-filled mat. Thorough coverage enables the solution to be the most effective.

**Reversible.** Flip mat over and use other side to double life of the mat.

**Stays Clean.** Manure scrapes easily off the surface. Urine runs off the surface of a filled mat. Mesh covering stays new-looking even after repeated use.

**Acceptance by Cows.** Cows show no reluctance to walk over Hoof Treatment Mats, as they may with foot baths.

**4597236** Hoof Treatment Mat, blue mesh, 72" X 36" by 1" thick, capacity approx. 9 gallons. Wt. 17 lbs. (unfilled).



## Entrance Disinfection Mats



4591818

4593424

4597036

Entrance Disinfection Mats are designed to be placed at the entrance to dairy barns, hog enclosures, poultry houses and vegetable, fruit and grain storage facilities, to disinfect the boots and shoes of workers as they enter. Mats are made with tough poly mesh over a foam core with non-permeable bottom and sides to contain the disinfectant solution.

When filled, the Mats repel dirt and stay effective for approximately one week when they should be lifted, rinsed and left to hang-dry overnight. Mat must be used on level surface.

**4591818** Small Disinfection Mat, 18" by 18" by 1" deep, holds approx. 3/4 gallon. Wt. 1.35 lbs. (unfilled).

**4593424** Disinfection Mat, 34" by 24" by 1" deep, holds approx. 2 gallons. Wt. 5 lbs. (unfilled).

**4597036** Heavy Duty Disinfection Mat, 70" by 36" by 1.5" deep, holds approx. 9 gallons. Wt. 17 lbs. (unfilled).

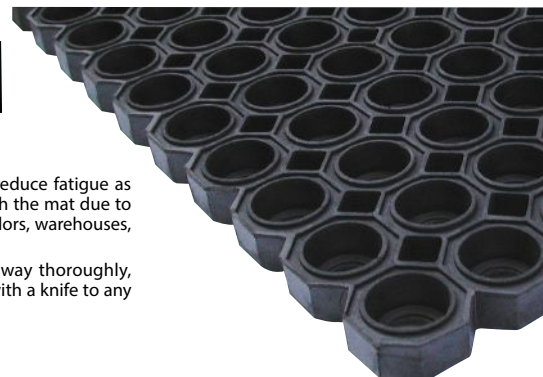
## DELUXE RING DESIGN Milking Parlor Mat CLEANS EASILY, DRAINS QUICKLY



Providing comfortable, sure-footing for milking parlors and other areas, thick resilient rubber Parlor Mats reduce fatigue as well as back and leg problems resulting from standing on concrete floors. Water or liquids flow away underneath the mat due to hundreds of tiny quarter-inch rubber tips on the under-side. Mats are slip-resistant, wet or dry. Ideal for milk parlors, warehouses, truck beds, basements, decks, piers and landings.

The non-absorbent rubber is impervious to liquids. Disinfectants, detergents and foreign matter flush away thoroughly, through and under the mat, to maintain sanitary conditions. Mats are 7/8" thick and 59" x 39". They may be cut with a knife to any shape and will last for years.

**P3959** Ring Design Parlor Mat. Wt. 47 lbs.



# Complete Scale Kit



**405418 Scale Kit**  
order Wheel & Handle Kit separately

### SCALE KIT

Digi-Star precision Livestock Weighing Systems have been designed for the rugged animal weighing environment. Durable materials and components are combined with the latest technology. Advanced signal filtering coupled with Digi-Star's unique Lock-On feature provides stable readings even with restless animals. The bright 14-segment backlit display provides excellent visibility in all environments.

**405418** Complete Scale Kit for Goats, Sheep & Hogs. Includes SW300 Indicator; 54" Aluminum Deck with folding support arm and arm mount; 3300 lb. capacity 24" Load Bars with cable guard; and wedge mounting hardware. Wt. 110 lbs.

**405134** Optional Wheel & Handle Kit.

# Dairy Barn Cart



Sturdy deluxe One-Step Dairy Barn Cart provides a place for everything. Made of steel tubing with grey and black hard lacquer finish, the Cart comes with four heavy non-corrosive plastic wheels, comfortable tubular steel handle, and two trays, a perforated metal swing-around utility tray and a deep poly lower tray, to hold brushes, pails, dip cups, sprayers, towels, milking gloves etc. Cart is fitted with brackets for milking units and one for mounting a towel dispenser.

Overall dimensions of Barn Cart: 70" tall X 13" wide X 32" long. Includes two 10" and two 7" plastic-hubbed wheels. Shipped via UPS.

**F20** One-Step Dairy Barn Cart. Wt. 52 lbs.

**F21** Replacement 7" Wheel, 1/2" axle.

**F22** Replacement 10" Wheel, 1/2" axle.

# Digital Livestock Scales

Order Indicators and Load Cells separately.



Digi-Star precision Livestock Weighing Systems have been designed for the rugged animal weighing environment. Durable materials and components are combined with the latest technology. Advanced signal filtering coupled with Digi-Star's unique Lock-On feature provides stable readings even with restless animals. The bright 14-segment backlit display provides excellent visibility in all environments.

### Stockweigh Indicators feature:

- EZ calibration
- AC/DC converter
- Lock-On weighing
- 24/7 phone support
- Lbs. or kgs options
- Front panel programmability
- Wedge style mounting brackets
- "HELP" messages in 7 languages
- Bright 14-segment back-lit display**
- Made in USA – 3-year warranty

**405159** SW600 Indicator. When basic weights are required the affordable and reliable SW600 Stockweigh indicator can export weight data to your chute-side software via the RS232 print port. Unit features six-digit lighted display, 1" tall digits, serial DB9 output for computer hookup, and connections for 12-volt battery or wall outlet. Wt. 6 lbs.

**405157** SW300 Indicator. Powered by two AA batteries, the Stockweigh SW300 Indicator is an economical unit ideal for small producers, 4-H and FFA clubs. The SW300 offers the convenience of an internal battery in a compact, durable design. Unit will run for a minimum of 50 hours on two AA batteries or plug into wall outlet. Auto shut-off helps conserve energy. Unit features five-digit lighted display with digits 1" tall. Wt. 5 lbs.



**LOAD CELLS**

**LOAD CELLS** are now improved with full length stainless steel cable guard to protect from animal abuse or damage during transporting. Load cells provide accurate weights on uneven surfaces. Cells have a capacity of 3300 lbs. The pair of cells has a cable length of 15 feet. Use with Aluminum Deck or another deck built to suit. Load Cell Kit is ready to connect to either Stockweigh Indicator.

**405164** Load Cell Kit, 24", wt. 40 lbs.

**407071** Load Cell Kit, 33.5", wt. 60 lbs.



**Aluminum Deck**

**403360** Aluminum Deck. A sturdy, secure, platform for the safety of animals and users alike. Combine with the 24" Load Cell Kit and the SW300 for an ideal weighing unit for small producers, FFA and 4-H programs. May also be used with the SW600. 90"L x 24"W x 6"H. Wt. 110 lbs.

# Strap-On Milk Stool

Strap-On Milk Stool features seat made of sturdy co-polymer with molded-in holes for easy adjustment or replacement of harness straps. Milk Stool keeps the milker's hands clean and free to prep udders, apply milker units and do other work. Cuts down on aching backs and saves time and labor.



**286**



**285**

Soft nylon harness with snap-on lock keeps stool in place comfortably while walking or sitting. Coil spring at bottom of pedestal gives stool a firm anti-slip base. Choose solid or adjustable pedestal leg. Comfortable curved co-polymer seat is 11-1/2" X 7-1/2". Height is 11-3/4".

**285** Standard Milk Stool, bagged. 4 lbs.

**286** Adjustable Leg Milk Stool, bagged. Push button height adjustment from 13" to 18".

### Replacement Parts

**285SL** Repl. Leg for 285

**286SL** Repl. Leg for 286

**285HN** Repl. Harness for seat



# Stanchion & Stall Fittings

## NUTS & BOLTS INCLUDED

### For 4" Columns



**25213**

**25213** Tight Grip 4-bolt Cross Clamp for 1-1/4" pipe or 1-5/8" OD tubing. 4 zinc plated nuts and bolts included. Wt. 1.5 lbs.



**25014**

**25014** Bottom Stanchion Fastener for wood or cement, for 1-1/4" pipe. Wt. .5 lb.



**25051R**

**25051R** Round Top Stanchion Hanger for 1-1/4" pipe or 1-5/8" OD tubing. Also used as stall tie-chain clamp. Wt. .5 lb.



**587671** Clamp for attaching 1-5/8" OD tubing or 1-1/4" pipe to 4" columns. Nuts & bolts included. Wt. 1.75 lbs.



**25202**  
**25202LS**

**25202** Tee Fastener for 1-5/8" round tubing. Wt. 1 lb.  
**25202LS** Tee Fastener for 1-5/8" round tubing and 2" round. With nuts and bolts. Wt. 1.5 lbs.



**25020**  
**25007**

**25020** Steel Tee Clamp 1-5/8" X 1-1/16". Wt. .5 lb.  
**25007** Steel Tee Clamp 1-5/8" X 1-5/8". Wt. 1 lb.



**30256**

**30256** Top Rail Cross Clamp for 1-1/4" pipe or 1-5/8" OD tubing. Complete with 4 bolts and nuts. Wt. 1.5 lbs.



**25217**

**25217** Corner Clamp for 1-1/4" pipe or 1-5/8" OD tubing, including bolts & nuts. 1.5 lbs.

### EXTRA HEAVY CROSS CLAMPS



**1042HDAA** Fits 1-1/4" and 1-1/2" pipe or 1-5/8" and 1.9" OD tubing. Wt. 4 lbs.

**1042HDBB** Fits 2" pipe or 2-3/8" tubing. Wt. 4.5 lbs.

**1042HDAB** Consists of one each of the above. (Nuts and bolts included.) Wt. 4-1/8 lbs.



**763ST**

**763ST** Pipeline Clamp fastens any 3/4 inch or 1 inch water or air line to 1-1/2 inch or 1-5/8 inch square or round tubing in stalls or pens. Made of 10 gauge steel. Packed with zinc-plated bolts. 14 oz.



**HC65**

**HC65** Post Cap for 1-1/4" pipe or 1-5/8" OD tubing.



**25203**

**25203** Flange Clamp for 1-5/8" OD tubing or 1-1/4" pipe. Wt. 1.5 lbs.

## Repair Anchor

No need to knock out concrete floor or buy a new stall. Simply cut off the broken or rusted tubing at cement floor level. Insert the anchor into the steel tube still in the concrete, put the good part of the stall tube into the upper part of the anchor, tighten up the two bolts on the clamp and you have a solid stall. For use with 1-1/4" pipe or 1-5/8" OD tube.

**25055** Partition Repair Anchor. Wt. 2 lbs.

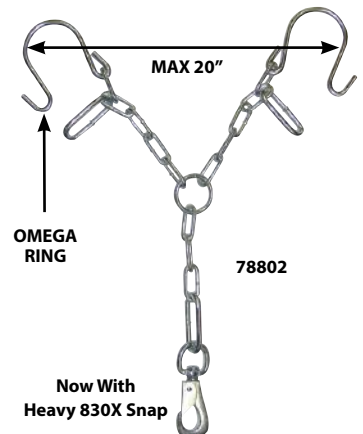


**25055**  
Repair  
Anchor

## Cattle Tie

**78802** Plated Chain Tie with Heavy Swivel Snap. Wt. 2 lbs.

**78802R** Replacement Omega Ring.



OMEGA  
RING

**78802**

Now With  
Heavy 830X Snap



# All-Purpose Snaps

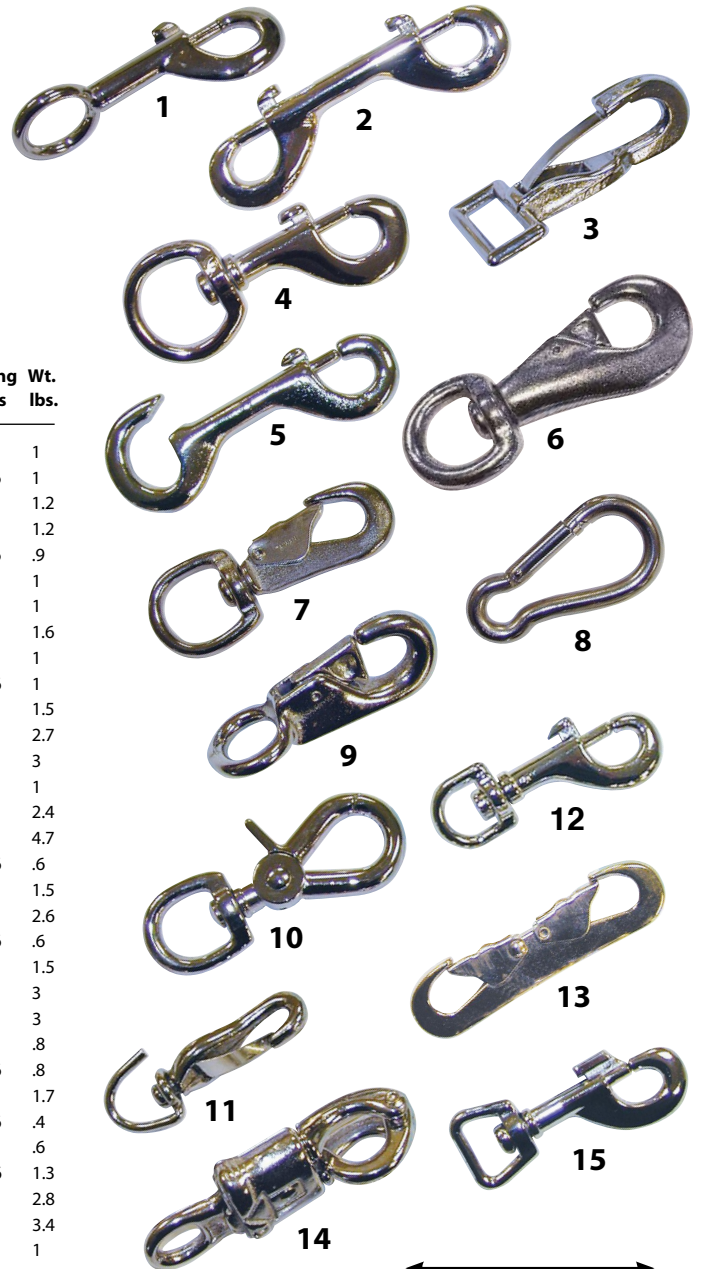
THE BEST SELLING TYPES AND SIZES

Standard pack – ten per box.

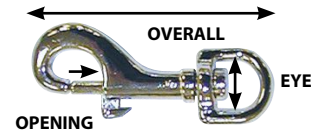
Choose Nickel-Plated  
or Stainless Steel

Key No.	Stock No.	Description	Eye ID inches	Overall inches	Opening inches	Wt. lbs.
1	125B-10	Round Eye Bolt Snap, DCNP	5/8	3-1/2	3/8	1
2	161-10	Double End Chain Snap, DCNP		3-1/2	5/16	1
2	162-10	Double End Chain Snap, DCNP		4	3/8	1.2
2	163-10	Double End Chain Snap, DCNP		4-3/4	3/8	1.2
3	200B-10	Square Loop, DCNP	1	3-1/4	7/16	.9
4	225-10	Swivel Eye Bolt Snap, DCNP	5/8	3-1/4	3/8	1
4	225A-10	Swivel Eye Bolt Snap, DCNP	3/4	3-1/2	3/8	1
4	225B-10	Swivel Eye Bolt Snap, DCNP	1-1/8	4-1/8	1/2	1.6
5	230-10	Open Eye Snap, MINP	3/8	3-1/2	3/8	1
5	231-10	Open Eye Snap, MINP	3/8	3-1/2	7/16	1
5	232-10	Open Eye Snap, MINP	1/2	4-1/8	1/2	1.5
6	333-5	Bull Tie Security Snap, box of 5	1	5	1/2	2.7
6	3142-10	Swivel Eye Security Snap, MINP	7/8	4	1/2	3
7	830B-10	Swivel Eye Spring Snap, MINP	3/4	3-1/2	3/8	1
7	830H-10	Swivel Eye Spring Snap, MINP	1	4-1/8	1/2	2.4
7	830X-10	Swivel Eye, Spring Snap, MINP	1-1/8	5	5/8	4.7
8	2450-10	Safety Spring Hook, Steel, Zinc Plated	1/4	2-1/4	5/16	.6
8	2450A-10	Safety Spring Hook, Steel, Zinc Plated	5/16	3-1/8	3/8	1.5
8	2450B-10	Safety Spring Hook, Steel, Zinc Plated	13/32	4	1/2	2.6
8	2450S-10	Safety Spring Hook, Stainless Steel	1/4	2-1/4	5/16	.6
8	2450SA-10	Safety Spring Hook, Stainless Steel	5/16	3-1/8	3/8	1.5
8	2450SB-10	Safety Spring Hook, Stainless Steel	13/32	4	1/2	3
9	3141-10	Rigid Eye Security Snap, MINP	3/4	3-3/4	1/2	3
10	5013-10	Swivel Trigger Snap, Panic, DCNP	1/2	2-3/4	1/2	.8
10	5014-10	Swivel Trigger Snap, Panic, DCNP	3/4	2-5/8	7/16	.8
10	5013X-10	Swivel Trigger Snap, Panic, jumbo, DCNP	3/4	3-7/8	3/4	1.7
11	5037-10	Open Eye Swivel Snap, DCNP	3/8	2-5/8	3/16	.4
12	5079N-10	Swivel Eye Snap, DCNP	3/8	2-1/4	1/4	.6
13	853-10	Double Pattern, DCNP		3-3/16	7/16	1.3
13	855-10	Double Pattern, DCNP		5-3/16	1/2	2.8
14	1001A-10	Quick Release Panic Snap, MINP	1/2	3-13/16		3.4
15	017Z-10	Square, Swivel Eye, DCNP	3/4	3-1/4	3/8	1

DCNP denotes Zinc Die Cast, Nickel Plated. MINP denotes Malleable Iron, Nickel Plated.  
If these products are used where safety is a factor, please request specifications on adequacy.



SNAP DIMENSIONS



Barn Equipment

## ZINC PLATED STEEL Quick Links

For quick connection of chain, cable and wire rope. No tools required. Easily tightened with fingers. Use over and over again. Ten per box.

Stock #	Size	Length	Opening	Lbs./100
751Q-10	1/8"	1-3/8"	3/16"	1.75
752Q-10	5/32"	1-5/8"	7/32"	2.5
753Q-10	3/16"	1-7/8"	1/4"	4.5
754Q-10	1/4"	2-1/4"	9/32"	8
755Q-10	5/16"	2-15/16"	3/8"	17
756Q-10	3/8"	3-1/8"	7/16"	23
757Q-10	1/2"	4-1/8"	19/32"	51



## ZINC PLATED STEEL Lap Links

Lap Links have an opening for quick connecting of chain, cable and wire rope. Ten per box.

Stock #	Size	Length	Lbs./100
66003-10	1/8"	1"	1
66004-10	5/32"	1"	1.75
66005-10	3/16"	1-1/4"	4
66006-10	1/4"	1-3/4"	7.7
66008-10	5/16"	2-1/4"	12.7
66009-10	3/8"	2-1/2"	21





# SCHAEFER Barn Fans

## Basket Fans



A popular fan for dairies, the wire cage design causes direct air flow providing a concentrated area of cooling power. The heavy duty motor is maintenance free, totally enclosed, and thermally protected with pre-lubricated ball bearings. Fan guards and steel mounting bracket are powder coated for long life and the well balanced fan blades are made of galvanized steel. Fans come with adjustable ceiling mounting bracket. Optional wall bracket is available separately.

**VS36DFA** 36" Direct Air Flow Basket Fan  
**VS36DFB** 36" Direct Air Flow Fan, 3-phase

Schaefer Barn Fans are a proven, patented air circulation system for use with naturally ventilated or total confinement buildings. Proper air circulation reduces summer heat and insect stress, provides more consistent temperature and humidity in winter, and produces a cleaner, dryer healthier environment. Heavy duty ball bearing motors are maintenance-free and very energy-efficient. Blades are well balanced for minimum noise and vibration. Ceiling mounting brackets included allow adjustment for upward or downward tilt.

## Versa-Kool® Fans



Versa-Kool features a unique high air flow design with non-restrictive guards. Solid sides are made of high molecular polyethylene so fans are lightweight, rollable and stackable for easy handling and installation. The heavy duty motor is maintenance free, totally enclosed and thermally protected with pre-lubricated ball bearings. Fan guards and steel mounting bracket are powder coated for long life and the well-balanced fan blades are made of galvanized steel. Fans come with adjustable ceiling mounting bracket. Optional wall bracket is available separately.

**VS36A** 36" Versa-Kool Solid Side Housing Fan  
**VS36B** 36" Versa-Kool Solid Side Housing Fan, 3-phase

## Deep Guard Versa-Kool® Fans



Popular for tents, greenhouse as well as animal barns, Deep Guard circulation fans reduce heat stress and increase productivity. The design allows greater air movement at lower noise levels and the rugged guards and housings are powder-coated steel to resist corrosion. The heavy duty motor is maintenance free, totally enclosed and may be used with variable speed controls shown below. Fans come with adjustable ceiling mounting bracket. Optional wall bracket is available separately. Two year warranty. Made in USA.

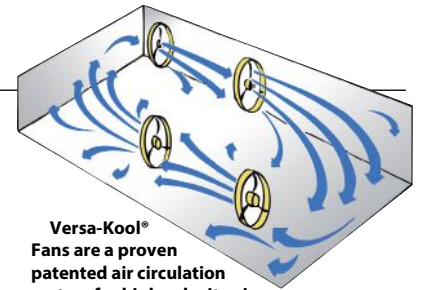
**VS20** 20" Deep Guard Versa-Kool Fan  
**VS24** 24" Deep Guard Versa-Kool Fan

Barn Equipment

### Schaefer Fans Specifications

Model No.	Blade Size	Replacement Blade part #	Variable Speed Capability	Voltage	HP	Shaft Size	CFM	RPM	Amps	Wt.
<b>VS20</b>	20"	AFB203 (aluminum)	Yes	115/230 single-phase	1/3	1/2"	6000	1725	3.8/1.9	37 lbs.
<b>VS24</b>	24"	AFB243 (aluminum)	Yes	115/230 single-phase	1/2	5/8"	8500	1725	4.8/2.4	46 lbs.
<b>*VS36A</b>	36"	GFB363 (galvanized)	No	115/230 single-phase	1/2	5/8"	11,600	840	6.0/3.5	70 lbs.
<b>*VS36B</b>	36"	GFB363 (galvanized)	No	230/460 three-phase	1/2	5/8"	11,600	825	2.6/1.3	70 lbs.
<b>*VS36DFA</b>	36"	GFB363 (galvanized)	No	115/230 single phase	1/2	5/8"	12,600	840	6.0/3.5	70 lbs.
<b>*VS36DFB</b>	36"	GFB363 (galvanized)	No	230/460 three phase	1/2	5/8"	12,600	825	2.4/1.2	70 lbs.

\*Shipped by truck.



**Versa-Kool® Fans are a proven patented air circulation system for high velocity air movement. Fans provide cooling during the summer months and gentle, draft-free air movement in cold weather.**



# SCHAEFER Fan Controls

**AV5550** Deluxe Automatic Variable Fan Speed Control features digital readout, micro-processor, corrosion & moisture-proof enclosure, noise filter, adjustable variable speed differential (1° to 21°F) and 10 amp output. Handles two 20" or 24" Versa-Kool fans. Not for use with 36" fans. 115/230 Volt, 10 AMP. Two-year limited warranty.

**MSC400** Manual Variable Speed Fan Control Moisture-proof. Handles two 20" or 24" Versa-Kool fans. Not for use with 36" Fans. 115/230 Volt, 12.5 AMP.

**T115** Single Speed Moistureproof Thermostat. Will handle two VS36 or VS24 fans. 115/230 Volt.

NOTE: Variable speed controls may be used with VS20 and VS24 Fans. Larger models are single speed only.




# SCHAEFER Wall Bracket



Black powder-coated steel Bracket may be mounted to wood, cement, brick or steel. Swivel tab allows a wide array of angles and adjustments.

**VS36WMT** Wall Mounting Bracket for Barn Kooler fans up to 36".



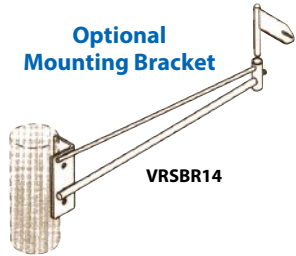


# Barnstormer Fans

Barnstormer Fans are high volume, high efficiency air circulators. Unique patented cage design maximizes air flow, gives a wider pattern to get to all corners of the building, and allows for easier access for cleaning. Hinged front simply unhook and pulls open. The 24" is the best all-around choice for any building or animal. The 36" is a giant of a fan for larger enclosures and larger animals.

- **Totally enclosed UL listed motors**
- **Two year limited Warranty**
- **Ceiling mounting brackets included**

### Optional Mounting Bracket



VRSBR14

**VRSBR14** 42" Bracket for Barnstormer Fans 24" to 36". Wt. 11 lbs.



Mounting Bracket and hardware included

Model No.	Blade Size	Speed	Voltage	HP	CFM	RPM	Wt.
<b>VBS24</b>	24" Barnstormer	Variable	115/230 single-phase	1/2	8500	1725	46 lbs.
<b>*VBS36A</b>	36" Barnstormer	Single	115/230 single-phase	1/2	13,000	825	65 lbs.
<b>*VBS36CF</b>	36" Barnstormer	Single	230/460 three-phase	1/2	13,000	825	65 lbs.

\*Shipped by truck.



Fan Controls

**VCN-10** Automatic Temperature Adjustable Variable Speed Control, 115/230V. For one or two VBS24 fans. Wt. 2.4lbs  
**VCN-15** Single Stage Thermostat Control, 120/240/277V single phase. For one or two VBS24 fans or VBS36A. Wt. .7 lb.  
**VCN-20** Manual Variable Speed Output Control, 115/230V single-phase. For one or two VBS24 fans. Wt. 2.4 lbs.

### Barnstormer Fans including Mounting Brackets SPECIFICATIONS

## Low Pressure Mist Kits

For more effective cooling in open air shade structures, install Low Pressure Mist Kits. A very fine spray of water combines with fan action for a gentle, cooling mist. Misting aids in reduction of heat stress which can affect milk production, inhibit livestock weight gain and cause too much water intake. Mist kits require very little water; as low as 1.7 gallons per hour for energy efficiency and low environmental impact.

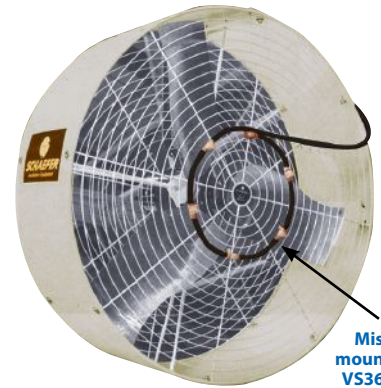
Mist Kits come complete with brass & stainless steel nozzles, push release nozzles & fittings for easy cleaning, and 1/4" black polyethylene tubing for durability and resistance to cracking.

**MK24-4** 4-Nozzle Mist Kit for 20" & 24" fans.

**MK36-6** 6-Nozzle Mist Kit for 36" Fans.



Reduce animal stress – Improve milk / meat production. Mist Kits can cool temperatures by up to 30°F!



Mist Kit mounted on VS36A Fan

## Indoor/Outdoor Fan

Indoor/Outdoor Ceiling Fan provides a healthier, more comfortable environment for animals all year long. Fan features energy-efficient, fully sealed motor and has both forward and reverse operation to direct airflow up or downward. Motor, housing and high-output curved steel blades have white powder-coated finish. Fan is UL/CUL certified for outdoor and agricultural use and has passed all UL/CUL water spray and corrosion tests. Fan has 16" grounded cord with 3-prong plug and 10" down rod.

In summer, the fan creates a mild wind chill to help cool poultry and livestock. It mixes warm stagnant air above and in between animals, reducing heat stress and eliminating pockets of warm moist still air which can breed bacteria.

In winter, the fan prevents warm air from collecting in roof peaks where it can condense and drop moisture on animals and bedding. Warm air is directed down and dispersed throughout the building keeping animals warm, dry and comfortable. Throughout the year, fan keeps bedding and surfaces dry while helping to dissipate ammonia, gasses and odors. 60" size, 115V, 60HZ, single/variable speed, 43,500 CFM, 330 RPM. Limited lifetime warranty. UPS-shippable.  
**VCF-60** Indoor/Outdoor Agricultural Fan, 60" diameter blades. Wt. 24.25 lbs.



Features energy-efficient, fully sealed motor with both forward and reverse operation



**VCN-25** Variable Speed Control will operate one or two of the 60" Indoor/Outdoor Ceiling Fans.  
**VCN-05** Variable Speed Control will operate up to four of the 60" Indoor/Outdoor Ceiling Fans.

## Barn Scrapers

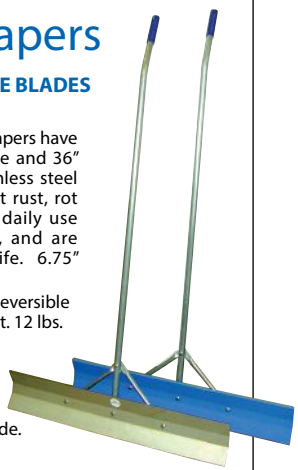
WITH REVERSIBLE BLADES

Galvanized handle scrapers have comfortable angled handle and 36" wide blades in either stainless steel or blue poly. Blades resist rust, rot and corrosion even with daily use on hard frozen material, and are reversible for twice the life. 6.75" blade height.

**SA216** Barn Scraper with Reversible 36" Stainless Steel Blade. Wt. 12 lbs.

**SA236** Barn Scraper with Reversible 36" Blue Poly Blade. Wt. 8 lbs.

**SA130** Barn Scraper with Reversible 24" Blue Poly Blade. Wt. 7 lbs.



## Stainless Steel Barn Scrapers

REVERSIBLE BLADES

Barn Scrapers have stainless steel blades which are reversible for twice the life. Blades effectively scrape stubborn debris, buildup and ice. Handles and braces are made of powder-coated steel in bright yellow. Choose curved or D-handle both with comfortable poly grip. 6.5" blade height.

**SAF300** Barn Scraper with 24" Reversible S.S. Blade and curved handle. Wt. 8 lbs.

**SAF600** Barn Scraper with 24" Reversible S.S. Blade and D-handle. Wt. 9 lbs.



## Slippery Scraper

Slippery Scraper has a polymer blade which is quiet during scraping but rigid enough not to flex at the ends when scraping hard or frozen material. Blade is reversible for twice the life. 56" steel handle has a plastic grip, choose D-handle or straight. Blade height is 8.5".

**273-0001** 24" Slippery Scraper, straight handle. Wt. 6 lbs.

**273-0001D** 24" Slippery Scraper, D-Handle. Wt. 6 lbs.

**273-0002** 36" Slippery Scraper, straight handle. Wt. 7 lbs.

**273-0002D** 36" Slippery Scraper, D-Handle. Wt. 7 lbs.

**273-0010** Repl. Blade, 24"W x 8.5"H

**273-0020** Repl. Blade, 36"W x 8.5"H

**273-0011** Hardware Kit (braces, nuts & bolts)

**273-0012** Replacement Straight Handle



## Livestock Hoes/Scrapers

Livestock Hoes have 60° angled blade and are sized small for reaching around the cows for neat clean-up of stanchions and gutters. Scraper/Chisel has 7" straight blade for stubborn ice and buildup. Handle is made of strong powder coated steel. Blades won't rust, rot or corrode. Handle is 60" with comfortable poly grip.

**SAF500** Livestock Hoe with 12" Stainless Steel Blade. Wt. 4 lbs.

**SAF510** Livestock Hoe with 14" Black Poly Blade. Wt. 5 lbs.

**SAF511BL** Repl. Black Poly Blade, 14" for Livestock Hoe

**SAF400** Scraper/Chisel with 7" Stainless Steel Blade. Wt. 5 lbs.



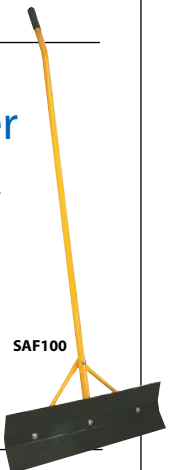
## Poly Blade Barn Scraper

REVERSIBLE BLADES

Black poly scraper blade is 1/4" thick and carries a Lifetime Warranty against cracking. Blade is reversible for twice the life. Curved handle is made of powder-coated steel with comfortable poly grip. 7" blade height.

**SAF100** Barn Scraper with 24" Reversible Black Poly Blade and curved handle. Wt. 6 lbs.

**SA151BL** Repl. Black Poly Blade, 24"



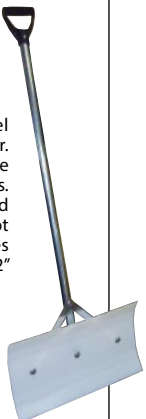
## Slippery Snow Shovel

Reversible-blade Slippery Shovel can be a snow shovel or a barn scraper. Heavy material easily slips off the blade due to the angle design and sharp edges. Virgin UHMW poly blade is guaranteed against breakage for 1 year and will not rust, rot or corrode. Handle and braces are galvanized steel. Blade measures 12" x 20" and is reversible.

**273-0014** D-Handle Slippery Snow Shovel Complete with 20" Blade. Wt. 5.5 lbs.

**273-0013** Replacement D-Handle

**273-0015** Replacement 20" Blade



## "Big Push" Barn Scrapers

DEEP, CURVED POLY BLADES 1/4" THICK

Heavy Duty "Big Push" barnscrapers are made for comfortable and efficient scraping of heavy, wet, or frozen material. Deep, curved poly blades are 1/4" thick and carry a Lifetime Warranty against cracking. Choose angled or D-grip handles made of powder-coated steel with comfortable poly grip. 9.25" blade height.

**SAF110** Big Push Scraper with 24" Poly Blade and Curved Handle. Wt. 7 lbs.

**SAF150** Same with 30" blade. Wt. 8 lbs.

**SAF200** Same with 36" blade. Wt. 9 lbs.

**SAF700** Big Push Scraper with 24" Poly Blade and D-Handle. Wt. 8 lbs.

**SAF750** Same with 30" blade. Wt. 9 lbs.

**SAF800** Same with 36" blade. Wt. 9 lbs.



## Dura-Plastic Manure Forks

Light-weight durable manure forks are made of strong polycarbonate plastic. The basket-design, called Dura-Pitch, holds manure in the fork for a neat clean-up job. Small-size Dura-Pitch is handy for tight spaces such as horse stalls, or for use by children or small adults. Dura-Fork is a standard manure fork style. Choose either wood or aluminum handle.

**DP1** Small Dura-Pitch Fork, with 7.5" x 11" basket and 42" wood handle. Wt. 2.5 lbs.

**DP2** Dura-Pitch Fork, with 7.5" x 16" basket and 52" wood handle. Wt. 3.5 lbs

**DF1** Dura-Fork with 8" x 16" fork head and 52" wood handle. Wt. 3 lbs.

**DF3** Dura-Fork with 8" x 16" fork head and 52" aluminum handle. Wt. 2.5 lbs.



## Roof Rake

Aluminum Roof Rake is handy for removing snow and debris. It is braced at the blade for strength. Blade is 6" by 25". Handle extends to 16 ft.

**589-9803** Aluminum Roof Rake, 16 ft. handle. Wt. 7 lbs.



## REPLACEMENT PARTS for yellow handle scrapers

**SA147BL** Repl. Black Poly Blade for Big Push Scrapers, 24"

**SA166BL** Repl. Black Poly Blade for Big Push Scrapers, 30"

**SA148BL** Repl. Black Poly Blade for Big Push Scrapers, 36"

**SA151BL** Repl. Black Poly Blade for SAF100 Scraper.

**SA146** Repl. 24" S. S. Blade for SAF300 & SAF600.

**SA153Y** Repl. Yellow D-Handle

**SA135Y** Repl. Yellow Curved Handle

**SA140Y** Repl. Brace for Yellow Handled Scrapers, each.

**SA141BL** Repl. Black Grip for curved handle

**SA142BL** Repl. Black Grip for D-handle





## Scrapers

**19-109** 24" Reversible Blade Barn Scraper with handle. Features thick, long-lasting 24" x 4" blade, heavy braces, strong, 60" lacquered hardwood handle and long steel shank support. The braces bolted near the top edge of the blade provide a 3-point support for strength and also to keep the cutting edge of the blade in line with the handle for ease of scraping even dried or frozen material. When the edge finally becomes worn by constant usage, remove the blade, reverse, and you have a new scraper. Wt. 6.5 lbs.

**16-464** Forged Chisel-Style Scraper has the brute strength to remove ice, hard packed snow and barn floor accumulation. 54" ash handle, 7" x 6" blade, hot forged, socket pattern. Bundle of 3 weighs 10 lbs.

## Shovels



**13-390** Contractor-grade Round Point Steel Shovel has wooden handle. Built for toughness, shovel features closed-back steel blade and deep collar to strengthen the handle-to-collar connection. Blade is 8-3/4" x 11-1/2"; wooden handle is 47". Bundle of 6 weighs 25.2 lbs.

**16-805** General purpose Steel Scoop is perfect for scooping grain, snow, mulch etc. Scoop has a wide flared deep dish tempered blade made for strength and durability. Blade is 11-3/8"H x 11-1/2"W and hardwood handle is 48". Wt. 4.8 lbs.

**16-341** General Purpose Shovel is a lightweight all-purpose shovel. Aluminum blade is 10-3/4" x 13-1/4" with 48" northern ash handle. Bundle of 6 weighs 18 lbs.

## Scoops



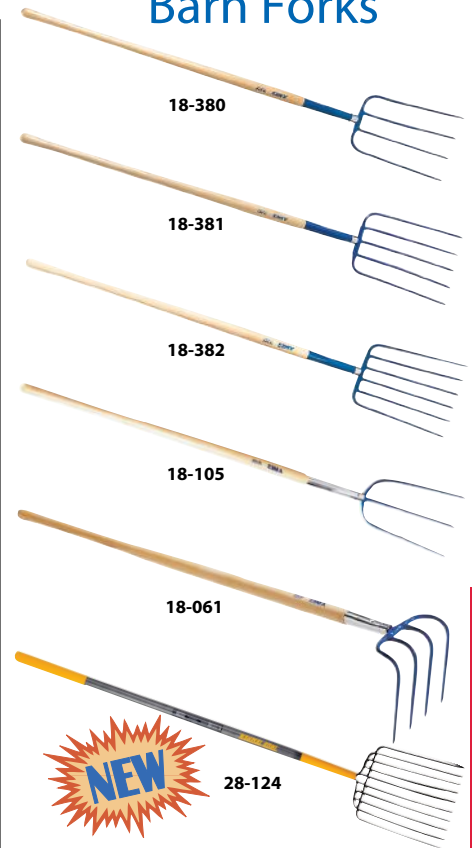
**26-043** Large #12 Grain Scoop is made from tough, highly durable ABS plastic and features a deep socket and thick blade for excellent prying and overall strength. Blade size is 14-1/4" x 17-3/4" with molded-in ribs for additional strength. Wood handle has comfortable cushioned, non-rusting D-handle grip. Wt. 3.5 lbs.

**16-130** Western Pattern #14 Aluminum Scoop has the strength and durability to be dubbed "Razor Back" yet it is lightweight. Scoop is suitable for handling grain, fertilizer, feed and other granulated materials. It features a 46" wooden handle and steel D-grip. Scoop head is 15.25"W x 4.5"D. Wt. 3 lbs.

**16-807** Large #14 ABS Poly Grain Scoop. Deep socket and thick blade with molded-in ribs for increased prying and overall strength. Blade size is 15.5" x 20". Scoop holds about 14 lbs. Northern ash wood handle has cushioned non-rusting D-grip. Wt. 4.4 lbs.

**16-801** ABS Poly #12 Grain Scoop. Deep socket and thick blade with molded-in ribs for increased prying and overall strength. Blade size is 14.25" x 17.75". Scoop holds about 12 lbs. Northern ash straight wood handle is 4 ft. Wt. 3.5 lbs.

## Barn Forks



**18-380** 4-Tine Manure Fork; bent pattern; 4 ft. handle. Bundle of 3 weighs 9.5 lbs.

**18-381** 5-Tine Manure Fork; bent pattern; 4 ft. handle. Bundle of 3 weighs 10.5 lbs.

**18-382** 6-Tine Manure Fork; bent pattern; 4 ft. handle. Bundle of 3 weighs 11 lbs.

**18-105** 3-Tine Hay Fork; bent pattern, oval tines, 4 ft. handle. Bundle of 3 weighs 8 lbs.

**18-061** 4-Tine Heavy Manure Hook; 8.5" x 10" head, round tines, 60" handle. Bundle of 3 weighs 10.5 lbs.

**28-124** Fork is used to move a variety of bedding material. 10 tempered steel tines ensure years of service. The head is 10.5" wide, 48" wood handle. Wt. 4.5 lbs.



StableScraper is made of reinforced nylon, making it durable and lightweight. Scraper is great for tie stalls and freestalls because of its 14" wide head.

**124-6498** StableScraper with 60" Handle. Wt. 1.95 lbs.

**124-6499** StableScraper with 72" Handle. Wt. 2.15 lbs.

**124-6509** StableScraper Head Only - Blue. Wt. 0.4 lbs.

**124-6496** 60" Tapered Wood Handle for ScrapeRake & StableScraper. Wt. 1.55 lbs.

**124-6497** 72" Tapered Wood Handle for ScrapeRake & StableScraper. Wt. 1.75 lbs.



ScrapeRake is made of reinforced nylon, and is a 16" 12-prong rake that flips over to act as a scraper. Good for everything from sawdust to sand and gravel. Self-standing for easy storage.

**124-6515** ScrapeRake with 60" Handle. Wt. 2.65 lbs.

**124-6516** ScrapeRake with 72" Handle. Wt. 2.9 lbs.

**124-6517** ScrapeRake Head Only - Black. Wt. 1.1 lbs.

**124-6496** 60" Tapered Wood Handle for ScrapeRake & StableScraper. Wt. 1.55 lbs.

**124-6497** 72" Tapered Wood Handle for ScrapeRake & StableScraper. Wt. 1.75 lbs.

## Corn Knife

**23-080** Machete-style Corn Knife with hard-wood handle. Sharp, single edge blade is 3" by 14-3/4". Overall length is 21.5". Carton of 6 weighs 5 lbs.





## Scoops & Shovels



589-0276



589-0275



589-8710



589-3448



589-0280



589-0284

**589-0276** #12 Black ABS Poly Scoop with ribs for strength; 48" straight wood handle. Scoop is 15" x 19". Wt. 4 lbs.

**589-0275** #12 Black ABS Poly Scoop with ribs for strength; 30" wood handle with D-grip. Scoop is 15" x 19". Wt. 3.6 lbs.

**589-8710** Round Point Long Handle Steel Shovel with straight GlassKor® handle. Blade is 8.5"W x 12"H and handle is 48". Wt. 5 lbs.

**589-3448** #14 Heavy-Duty Aluminum Western Scoop has a 15" X 20" blade and a 48" straight ash wood handle. Wt. 6 lbs.

**589-0280** #12 Aluminum Western Scoop with ribs for strength; 30" wood handle with steel D-grip. Scoop is 15" x 19". Wt. 4 lbs.

**589-0284** #14 Aluminum Western Scoop with ribs for strength; 30" wood handle with poly D-grip. Scoop is 15" x 20". Wt. 5 lbs.



## Scrapers



589-4060



589-4601



589-4040

**589-4060** Braced Spring Steel Pusher has a 12" x 30" blade that flexes under stress then returns to its original shape. 48" wood handle. Wt. 8.5 lbs.

**589-4601** Braced Spring-Steel Scraper/Pusher has a 30" X 12" spring steel blade and a 42" wood handle with poly D-grip. Wt. 8.75 lbs.

**589-4040** Braced Spring-Steel Scraper/Pusher has a 24" X 12" spring steel blade and a 48" straight wood handle. Wt. 7.3 lbs.



## Hoe



589-5012

**589-5012** Stainless Steel Livestock Hoe has a 4.5" X 12" blade and 60" handle with vinyl grip. Wt. 5.4 lbs.



## Forks



589-3402



589-4402



589-5402



589-5704



589-1308



589-1304

**589-3402** 3-Tine Forged High Carbon Steel Hay Fork. 48" straight wood handle. Head is 12.5" x 8". Wt. 3.3 lbs.

**589-4402** 4-Tine Forged High Carbon Steel Manure Fork. 48" straight wood handle. Head is 12" x 9". Wt. 3.6 lbs. **589-5402** 5-Tine Forged High Carbon Steel Manure Fork. 48" straight wood handle. Head is 13" x 9". Wt. 4.3 lbs.

**589-5704** 5-Tine Forged Steel Barley Fork has 34" wood handle with steel D-grip. Fork head is 19" x 14.5". Wt. 4.7 lbs.

**589-1308** 8-Tine Forged High Carbon Steel Chopped Hay Fork. 36" wood handle with steel D-grip. Head is 21" x 20". Wt. 8 lbs.

**589-1304** 10-Tine Forged High Carbon Steel Ensilage Fork has a 33" wood handle with steel D-grip. Fork head is 16" x 16". Wt. 7.3 lbs.



# Hudson Water Control Valves

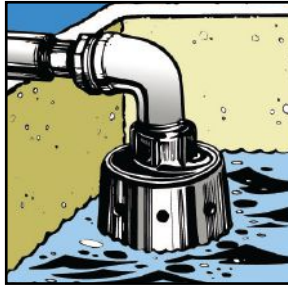
**716H** Hudson Anti-Siphon Valve for 1–140 PSI, 1/2" female thread, 5" high, 3" diameter. Wt. 1 lb.

**716K3** Repair Kit for 716H Valve. Includes screen, retainer ring, diaphragm, shut-off pad and float.



## ANTI SIPHON

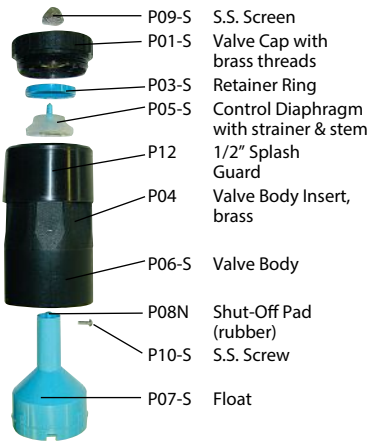
**716H**



The Hudson Valve's unique design maintains fluid level in tanks and troughs with an exceptional patented float system. Fluid level forces the float to rise and close the diaphragm chamber which expands to stop incoming flow. Unlike common ball float valves, the Hudson Valve does not constrict the flow prior to positive shut-off.

Valve body parts are made of durable glass-filled nylon, vented to eliminate siphoning. Shut-off pad is made of rubber. Other internal parts are ABS plastic and stainless steel. Hudson Valves are resistant to freezing and are guaranteed for two years under normal water control circumstances. Each valve comes with installation instructions, warranty information and parts list.

### PARTS for 716H



- **Two Year Warranty**
- **High Volume – 2400 GPH at 40 PSI**
- **Animal Damage-Resistant Design**
- **No Float Ball or Moving Parts**
- **Unaffected by Freezing**

### Tank Mounting Kits for Hudson Valves

Economy Model fastens securely with thumb screw and bushing, no tools needed. Fittings connect directly to garden hose. Fits all standard tanks and some plastic. Made of nylon and fiberglass.

- 03** 1" thread, for Hudson Valve #718H
- 03-S** 1/2" thread, for Hudson Valve #716H

**718H** Hudson Anti-Siphon Valve for low pressure or gravity systems, 0–140 PSI, 1" female thread, 5" high, 3.75" diameter. Wt. 1 lb.

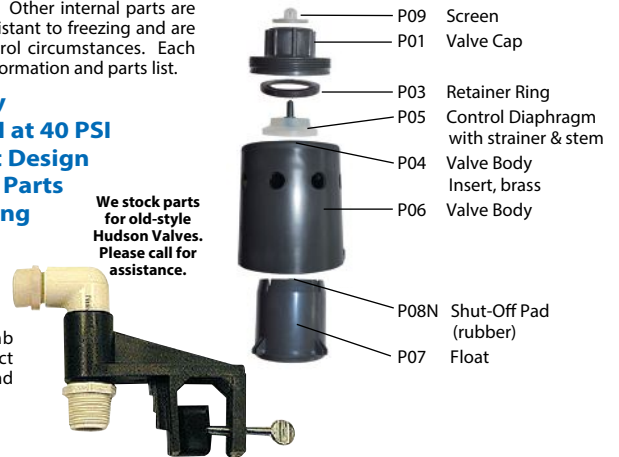
**718K3** Repair Kit for 718H Valve. Includes screen, retainer ring, diaphragm, shut-off pad and float.

## DAMAGE PROOF

**718H**



### PARTS for 718H



We stock parts for old-style Hudson Valves. Please call for assistance.

## Free-Flo Valve For Livestock Watering Tanks

The Free-Flo Valve for livestock watering tanks is automatic, adjustable, approved non-siphoning, corrosion-proof and freeze-resistant. The Free-Flo mounts in any type of tank at approximately 4" to 20" below desired water level where it operates with a simple reliable design requiring no floats, rods or guards. Included with the Free-Flo is a universal mounting kit which permits hook-up to 1/4" metal pipe, garden hose or 1" PVC adapter fitting. Free-Flo installs in tanks up to 1/2" wall thickness. Works with water pressures from 12 to 125 psi.

**295-001** Free-Flo Water Valve with mounting kit. .31 lb.



## Dare-O-Matic Float Valve

ANTI-SIPHONING MODELS AVAILABLE



**2175**

**798**

**1800**

**1780**

Dare farm tank float valves have 300 gallon per hour capacity and tough blow-molded plastic float. Choose housing in hi-impact weather resistant plastic or aluminum. Connects to 3/4" garden hose or is adaptable for pipe. We stock all replacement parts.

**798** Dare-O-Matic in plastic housing. Wt. 1 lb.

**1780** Dare-O-Matic in aluminum housing. Wt. 1.4 lbs.

**1800** Anti-siphoning Dare-O-Matic, aluminum housing. Wt. 1.8 lbs.

**2175** Anti-siphoning Dare-O-Matic, plastic housing. Wt. 1.6 lbs.

**1041R** Replacement Float Assembly. Includes neoprene seal, blow-molded plastic float, cotter pin.

**1533** Repl. Anti-siphon Vent Assembly.

## Trough-O-Matic Valve



**830H**



**825ASH**



**825H**



**825ASP**

Longer, deeper float brings water pressure as low as 55 PSI up to a water flow of 245 GPH. Plastic case is non-rusting. Metal cases are non-corrosive. Units have 3/4" female garden hose fitting at top.

**825H** Float Valve in plastic case with hose connection. Wt. 1 lb.

**825P** Float Valve in plastic case, adapter for pipe included. Wt. 1 lb.

**830H** Float Valve in metal case with hose connection. Wt. 1.5 lb.

**830P** Float Valve in metal case, adapter for pipe included. Wt. 1.6 lb.

**825ASH** Anti-siphoning Valve, plastic case, hose connection. 1.35 lb.=

**825ASP** Anti-siphoning Valve in plastic case, adapter for pipe connection included. Wt. 1.4 lb.

### Repair Kits:

**TOMKIT** Repair Kit for Float Valves. Includes 4 each Valve Seats, Plastic Darts, Washers, Orifice Inserts & 2" Cotter Pins.

**TOMASKIT** Repair Kit for Anti-Siphon Float Valves. Includes 1 each Float Assembly, Anti-Siphon Valve Stem, Plastic Orifice Insert, Valve Seat, Hose Washer, 2" Cotter Pin and 1" Cotter Pin.

**809T** Repair Kit. Includes 1 each Valve Seat and Float.

Feeding & Watering

# Float Bowls

Non-siphoning float bowl provides constant fresh water. Heavy gauge galvanized steel S76 Bowl suits cattle and hogs. S91 Bowl, preferred by horse owners for its deluxe appearance, has durable red anti-bacterial finish. Green Polymer Float Bowl is a lightweight option.

Drinking area, with valve cover down, measures 9" x 7". Tamper-proof valve cover protects valve and float. Easy-flip-up finger hole is convenient for cleaning and inspection. Plastic float and arm has brass adjusting pivot to set water level. Water line entry on either side of bowl has 1/2" brass fitting. Bowls can be fitted back-to-back.



**S91**  
Deluxe Bowl  
with Red & Black  
Anti-Bacterial  
Coating



**S76SS**  
Stainless Steel Bowl



**S76**



**MA04**

**S76** Galvanized Barn Bowl complete, boxed. Bowl top: 8-1/2" x 9", depth is 3-1/4". Wt. 7 lbs.

**S91** Deluxe Bowl with Red Baked-On Finish complete, boxed. Bowl top: 8-1/2" x 9", depth is 3-1/4". Wt. 7 lbs.

**MA04** Polymer Float Bowl complete, 2 s.s. mounting washers included, boxed.

Bowl top: 8-1/2" x 11", depth is 4-3/4". Wt. 3.7 lbs.

**S76SS** Stainless Steel Barn Bowl complete, boxed. Bowl top: 8-1/2" x 9", depth is 3-1/4". Wt. 4.5 lbs.

**766** Complete Float Valve Assembly for S91, S76 & S76SS (contains B768 valve)

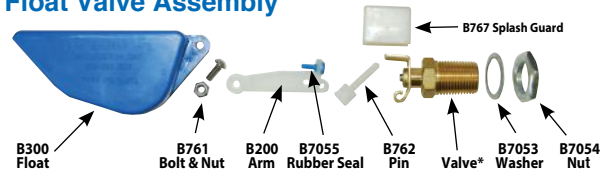
**766HB** Complete Float Valve Assembly for Poly Bowl (contains 768HB valve)

**RK576** Repair Kit. Contains 1 each of float, arm, splash guard, rubber seal, pin, bolt & nut.

**765-92** Repl. Red Enamel Bowl Tray only

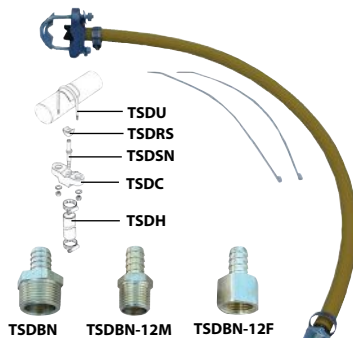
**MA04-1** Repl. Green Polymer Bowl Tray only

## Float Valve Assembly



\* P/N 768HB for MA04, P/N B768 for S76, S91 and S76SS Bowls

## Water Bowl Installation Kits



This handy kit provides a header line to the water bowl and makes water bowl installation easy. To install, drill a 3/8" hole in the header line and clamp the saddle on. Kits include Saddle, 2 Clamps, 3 Nylon ties, 30 inches of 600 PSI Hose and Adapter in sizes as indicated.

**TSDK** Installation Kit complete with 3/4" MPT adapter. For Coburn bowls AU2-C-SF, AU82-P-SF, AU82P, M81, M81P and BD88.

**TSDK-12F** Installation Kit complete with 1/2" FPT adapter. For Coburn bowls PCBL5, S76, S91 and MA04.

**TSDK-12M** Installation Kit complete with 1/2" MPT adapter. For Coburn bowls RSS-02, RP-02, NS77 and NS61.

### Parts for Installation Kits

**TSDH** Hose

**TSDBN** 3/4" X 1/2" Brass Adapter

**TSDBN-12M** 1/2" Insert X 1/2" MPT Brass Adapter

**TSDBN-12F** 1/2" Insert X 1/2" FPT Brass Adapter

**TSDC** Casting only

**TSDU** 2" U-Bolt for 1.5" pipe

**TSDSN** Brass Nipple for Saddle

**TSDRS** Rubber Seat

**TSDO** Saddle Assembly (includes TSDC, TSDU, TSDSN and TSDRS)

## Push Button Water Bowls



**M81**

**3L Bowl Capacity**



**M81P**

**Approved Non-Siphoning**

**Splash Guard**



**Keeps Water In & Feed Out**

Studies have shown that dairy cows give more milk and have consistently fewer problems when individual water bowls are available. When cows share a bowl, the dominant cow not only prevents the others from drinking, she may actually drink more water than needed. These low-cost but top quality approved non-siphon bowls have no paddle to wear out or get jammed with hay and debris between paddle and bottom of bowl. Bowls have a brass push-button water valve which is the simplest method of watering livestock. Valve is rated at 1.3 gallons/5 liters per minute at 40 PSI but may be adjusted to deliver the most effective GPH; 3/4" top and bottom inlets. Cast iron valve body. Easiest to clean of all bowls on the market.

The galvanized steel bowl has a rolled rim for extra strength. The plastic model is lightweight and made of antibacterial plastic. Both bowls are very well-constructed product and available at a great price. You can sell them with complete confidence backed by our regular guarantee of satisfaction. All replacement parts available. U-Bolt mounting bracket is ordered separately. Bowl diameter is 9" with 4-1/2" depth.

**M81** Galvanized Steel Cattle Bowl, complete. Wt. 8 lbs.

**M81P** Unbreakable Blue Plastic Cattle Bowl, complete. Wt. 6.5 lbs. (U-Bolt mounting bracket is ordered separately.)

**8125BK** 2" U-Bolt Mounting bracket for 1.5" pipe

**CD800** Repl. Valve Housing Casting

**CD900** Replacement Galvanized Bowl only

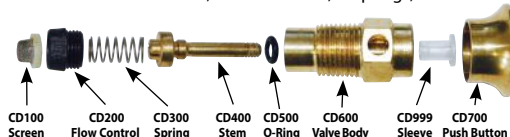
**CD960** Replacement Plastic Bowl only

**CD53** Complete Valve for M81 and M81P

**25FP** Replacement Frost Plug

**RKPB** Valve Repair Kit Contains 2 screens, 2 flow controls, 2 springs, 1 stem and 2 O-rings.

### CD53 Complete Valve



**8125BK**  
U-Bolt

SplashGuard is made of high density polyethylene and is designed to mount quickly to any metal and plastic water bowls which have a "bead" around the rim. (For bowls without the bead, new holes are drilled through SplashGuard and bowl then bolted together with hardware provided.) For bowls less than 9", such as the Strangko bowls, trimming of the SplashGuard with a hacksaw is required.

SplashGuard comes complete with steel hold-down bracket sets and four long bolts for mounting on almost any water bowl. Approved for Grade A.

**SA200** SplashGuard for Water Bowls. Wt. 1.6 lbs.



# High Flow Cattle Bowls



AU82-C-SF

2.5L Bowl Capacity

AU82-P-SF

**AU82 STYLES** have heavy casting with 3/4" top and bottom inlets. Choose cast iron or rugged copolymer with cast iron threads unlike other polymer water bowls which are more cheaply made. Bowls have a 2.5L capacity. Fastening U-clamp and bolts are included. Polymer bowl diameter is 8-1/2" with a 4" depth. Cast iron bowl is 8-1/2" in diameter with a 3" depth.

**AU82-P-SF** Polymer Super-Flow Bowl, complete, clamp included. Wt. 9 lbs.

**AU82-C-SF** Cast Iron Super-Flow Bowl, complete, clamp included. Wt. 22 lbs.

**SF-2002** Replacement Super-Flow Valve for AU bowls (5.8 gallon/22 liters per minute at 40 PSI)

**AU-82PL** Repl. Bowl only, plastic    **25FP** Replacement Frost Plug

**AU-82CA** Repl. Bowl only, cast iron    **UB** Repl. U-Clamp

Water bowls featuring the Super-Flow valve deliver a full 5.8 gallons (22 liters) per minute for more efficient livestock watering and fresher water. The animal simply nudges the cylindrical nose paddle to fill the bowl. Super Flow valves feature brass casting and stainless steel components. A simple, safe, water-release mechanism at the back of the bowl makes cleaning a quick easy job.

## Approved Non-Siphoning



RSS-02

4.25L Bowl Capacity

RP-02

RSS-02-5

**ROUND BOWLS** have a bit more depth than AU82 styles. Brass threads, 3/4" top and bottom inlets. Wall-Mount Valve Bracket with Bushing (RSS-02-2) included. Bowls have a 4.25L capacity. Order Back Mounting Plate for Pipe Mount separately. Bowls have 9-1/2" diameter and are 5" deep.

**RSS-02** Super-Flow Round Water Bowl, stainless steel, complete. Wt. 6.8 lbs.

**RP-02** Super-Flow Round Water Bowl, blue polymer, complete. Wt. 4.6 lbs.

**RSS-02-2** Repl. Stainless Steel Valve Bracket with Bushing, bolts included

**SFX2002** Replacement Super-Flow Water Valve for Round Bowls (5.8 gallon/22 liters per minute at 40 PSI)

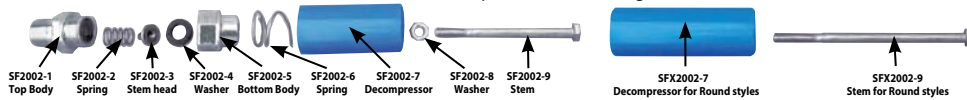
**RSS-02-1** Replacement Round Bowl only, stainless steel

**RP-02-1** Replacement Round Bowl only, polymer

**RSS-02-5** Back Mounting Plate for Pipe Mount, for 1-1/4" & 1-1/2" pipe

**25FP** Replacement Frost Plug

## Super-Flow Valve Assemblies



## NEW GripWell Back Plates

Heavy-Duty GripWell Back Plates are made of powder-coated steel and securely fasten bowls to round or square posts.



**GWBP-01** GripWell Back Plate for MWB-P Water Bowls. Wt. 1.9 lbs.



**GWBP-02** GripWell Back Plate for MWB-M and AU Series Water Bowls. Wt. 1 lb.



**GWBP-03** GripWell Back Plate for RP-02, RSS-02 & PCBLS Water Bowls. Wt. 1 lb.

## Plastic Cattle Bowl



2.5L Bowl Capacity

Optional Spacer

Approved Non-Siphoning

Polymer Water Bowl is mounted directly to pipe or flat surface with no need for a heavy casting. Cows quickly learn to bump the nose paddle to release water. Bowl is non-siphoning, easy to clean, durable, and may be used with cattle, horses, or sheep. 1/2" male NPT stainless steel inlet at the top of the bowl. Brass valve is rated at 3.7 gallons/14 liters per minute at 40 PSI. Bowls include 2 back plates for mounting (bolts not included). Optional spacer is used to project the Bowl approx. 2" from the mounting so that a water supply hose can be threaded up behind the bowl. Bowl diameter is 8-1/2" and with a 3-1/2" depth.

**PCBLS** Polymer Cattle Water Bowl, complete with 2 back plates, bolts not included. 5.2 lbs.

**PCBPS** Optional Spacer for PCBLS

**PCBBP** Repl. Back Mounting Plate for PCBLS

**PCBB** Repl. Bowl only for PCBLS

**92** Replacement Valve Assembly

## Nose Paddle Cattle Bowl

- Non-Siphoning
- Simple
- Clean



2.5L Bowl Capacity

This rugged water bowl comes in high impact blue copolymer polypropylene, or black enameled cast iron. Water is released into the bowl by moving the black cylindrical plastic nose 'paddle' in any direction. The simple, safe, water-release valve at back of bowl makes cleaning a quick, easy job. The AU82P is fitted with cast iron threads for permanent installation. Both bowls are equipped with brass valve and 3/4" top and bottom inlets. Valve is rated at 3.7 gallons/14 liters per minute at 40 PSI. Polymer bowl diameter is 8-1/2" with a 4" depth. Cast iron bowl is 8-1/2" in diameter with a 3" depth.

**AU82P** Blue Polymer Bowl complete with U-clamp for 1-1/4" to 1-1/2" pipe. 9 lbs.

**AU82C** Black Enameled Cast Iron Bowl complete with U-clamp. Wt. 22 lbs.

**AU-82PL** Repl. Polymer Bowl only for AU82P

**AU-82CA** Repl. Cast Iron Bowl only for AU82C

**AU-C12** Replacement Valve Casting

**92** Replacement Valve Assembly

**25FP** Replacement Frost Plug

**UB** Replacement U-Clamp

## Nose Paddle Calf, Sheep & Goat Bowls



.75L Bowl Capacity

Mini-Size Water Bowl for goats and sheep has nose paddle water release and comes in black enameled cast iron or high-impact polypropylene. Bowls have two 3/8" holes for mounting and 1/2" top water inlet. Valve is rated at 2 gallons/8 liters per minute at 50 PSI. Bowl diameter is 6" with a 2-1/2" depth.

**MWB-P** Mini-Bowl for Calves & Sheep, polymer. Wt. 1.25 lbs.

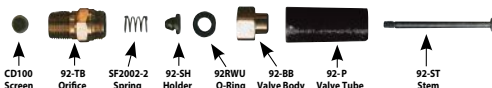
**MWB-M** Mini-Bowl for Calves, Sheep and Goats, cast iron. Wt. 6.65 lbs.

**MWB-92** Repl. Valve Assembly

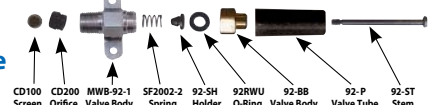
**MWB-P-1** Repl. Polymer bowl only

**MWB-M-1** Repl. Cast Iron bowl only

## 92 Valve



## MWB-92 Valve

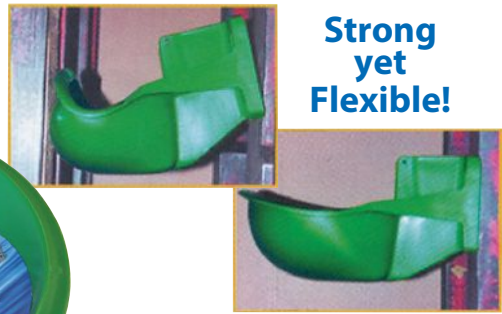


# Forstal Water Bowl



Optional U-Clamps

**Strong yet Flexible!**



**APPROVED NON-SIPHONING**

Forstal Water Bowl for cows is large, deep, easy to clean and lightweight. The smooth plastic material is strong but flexible withstanding bumps and pressure yet keeping its shape. Every bowl is strictly tested at the factory for quality. Approved non-siphoning bowl comes ready to install with 3/4" top and bottom inlets and frost plug. Bowl comes with standard pressure valve for 20 to 50 psi but others are available for gravity (less than 20 psi) or high pressure (higher than 50 psi). Flow rate is 3.7 gpm at 40 psi. An optional Horse Paddle is available to adapt the bowl for horses. Optional U-Clamps are available for 2" or 3" pipe. Bowl diameter is 8-3/8", and is 4" deep.

**644-3261** Forstal Paddle Water Bowl for Cows, 3/4" connection top & bottom. Order U-Clamps separately. Wt. 2.4 lbs.

**644-3262** Forstal Paddle Water Bowl for Cows, 3/4" connection top & bottom with 2" Stainless Steel U-Clamps. Wt. 2.7 lbs.

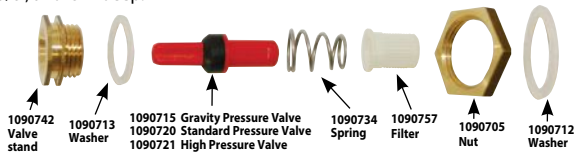
**A-315** U-Clamps for tube up to 2"; set of 2.

**A-316** U-Clamps for tube up to 3"; set of 2.

**4650203** Valve Repair Kit.

**4070384** Vertical Paddle for Horses with locking device.

**Valve Repair Kit**



# Automatic Pen Waterer



Automatic Pen Waterer from Milk Bar™ is covered and has a unique hole shape which helps eliminate debris from contaminating the water. Waterer features a bottom drain for easy cleaning and holds two gallons which makes it ideal for young calves, sheep and goats. It can be attached to wood rails, pipe rails, walls or steel gates. Threads are standard garden hose and an automatic float valve (830) is included along with 4 self-tapping screws and 4 cable ties for installation. Dimensions are 24" H x 11" D x 13.5" W  
**265-4010** Pen Waterer. Wt. 8.5 lbs.

# Automatic Stock Waterer



Large capacity 16-quart Automatic Waterer is perfect for horses. Adjustable float valve is molded from nylon for trouble-free automatic watering. Includes brackets for over-the-fence wall-mounted installation. Garden-hose water supply fitting is on the side, 20 - 50 psi. Dimensions are L14.25" x W17.5" x H10.75". Red only.  
**FW16** Horse Waterer, Red. Wt. 6 lbs.

# STRANGKO

## Water Bowl

**APPROVED NON-SIPHONING**  
Featuring exclusive paddle locking pin.



**STRANGKO BOWL**  
(shown with optional mounting hardware)

Strangko Drinking Bowl for horses, dairy cattle and all livestock, enjoy well-deserved popularity worldwide for its durability and reliability. Unique raised paddle design allows easy cleaning and provides plenty of leverage for activation of water supply and full shut-off. The Strangko bowl features a fingertip paddle locking device for selective watering of livestock. Bowl's diameter is 7-7/8" and is 3-1/2" deep.

### Strangko Nylon Bowl

The Strangko Nylon Bowl is virtually indestructible. Nylon, unlike many plastics, actually flexes on impact then springs back to its original shape. Bowl is lightweight, smooth and cleanable. The bright blue paddle activates the nylon valve to deliver water quickly then shut off cleanly. Paddle may be locked with flip-up lever for selecting watering.

**NS77** Strangko Nylon Bowl. 1/2" NPT. Wt. 1.5 lbs.

**1025008** Repl. Nylon Paddle.

**1117000** Repl. Nylon Valve, complete.



### Mounting Hardware for Vertical or Horizontal Pipe Mounting (nuts & bolts not included)

**1161003** Brackets for 1.5" Pipe (set of 2) for NS77 and NS61.

**1161005** Brackets for 2" Pipe (set of 2) for NS77 and NS61.

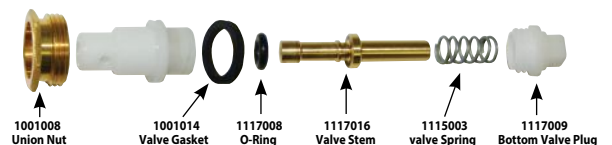
**1025025** Angle Plates (set of 2) for NS77 Bowl.

(Required when using mounting brackets with NS77 Bowl)

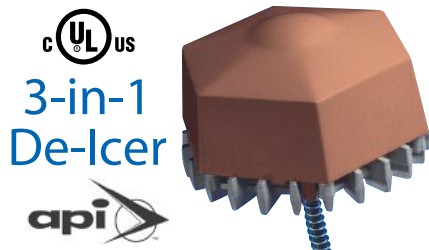
### Repair Parts for NS61 Enameled Cast Iron Bowl

**1001017** Repl. S.S. Paddle.

**1117045** Repl. Brass Valve, complete.







## 3-in-1 De-Icer

3-in-1 easily converts from floating to sinking to a drain plug model. Multiple temperature sensors monitor water temperature as well as protect against over-temperature conditions which waste energy. Unit features a sturdy finned aluminum base which spreads and disperses heat efficiently into the water. It can be safely operated in any plastic or metal tank without the use of a guard. Remove float for a sinking model or use the patented drain hole adapter (included) for drain plug model. 3 year warranty.

**15DT** 3-in-1 De-Icer, 1500 watts. Wt. 3.5 lbs.

## Floating Stock Tank De-Icer



Floating De-Icer features a safety shut-off system designed to automatically shut the de-icer off before the heating element becomes hot enough to ignite a fire in the event the unit is removed or thrown from the tank. The styrofoam float is completely enclosed within a rugged puncture-proof plastic housing. There is no exposed styrofoam. The tubular heating element is INCOLOY - the best known material to withstand water impurities.

**7521** De-Icer. 1500 watts. 120vac.

**7621** De-Icer. 1000 watts. 120vac.

### "Rule of Thumb" Chart

#### Watt Requirements for De-Icing

	5 gal.	50 gal.	100 gal.	200 gal.	300 gal.
at 32°	250	250	1000	1000	1000
at 20°	250	1000	1000	1000	1500
at 10°	250	1000	1000	1500	1500
at 0°	250	1000	1500	1500	1500
at -10°	250	1000	1500	1500	1500
at -20°		1500	1500		



## Universal Drain Plug De-Icer

Universal Drain Plug De-Icer mounts securely into the tank drain hole and keeps the heating element away from livestock. Specially designed plug fits through all drain holes 3/4" diameter or larger. Power cord is 6 ft. long. 1500 watts, 120vac. Not LOCKNDRY compatible.

**108-0007** Universal Drain Plug De-Icer. Wt. 2.2 lbs.



## Sinking De-Icer

This energy efficient sinking de-icer keeps your entire tank ice-free without overheating the water. Safe for animals, this de-icer includes a durable PTFE coating for easy cleaning. The large, finned base runs cooler than conventional de-icers, making it safe for plastic or metal tanks alike. The cord is wrapped in a heavy-duty anti-chew spring protector.

**108-0004** Sinking De-Icer, 1500 watts.



## Drain Plug De-Icer

ESPECIALLY FOR RUBBERMAID TANKS

Drain Plug De-Icer is custom designed to be used with Rubbermaid stock tanks. The cord is threaded through the hole at the bottom of the tank and secured with the plastic nuts provided. The cord is on the outside of the tank and the de-icer cannot be thrown from the tank. Thermostatically controlled and tested to -20°F. Automatic shut-off, 18" long end to end, 1500 watts.

**15DP** Drain Plug De-Icer. 1500 watts. Wt. 3.3 lbs.

## Bucket De-Icers



A sturdy aluminum base with large surface area allows these units to run cooler than conventional de-icers. Multiple thermostats provide efficient temperature control so the water is not excessively heated. Safe for plastic, rubber or metal pails and buckets.

**250DT** Bucket Heater, 250 watts, 10' cord with anti-chew protector. Wt. 2 lbs.

**250W** Automatic Waterer & Drinker De-Icer, 250 watts, aluminum feet.

**108-0006** Bucket/Utility De-Icer, 500 watts, 6' cord with anti-chew protector.

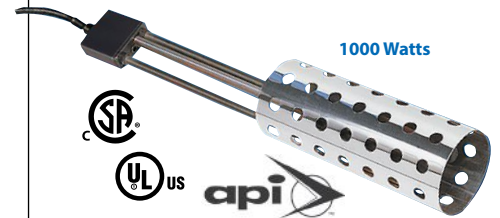
## 50' Heated Hose



This cold weather 50' water hose is excellent for tasks requiring running water in below-freezing temperatures. It features a high-quality 5/8" hose with standard brass garden hose fittings and is thermostatically controlled for energy-efficient operation. It can be run continuously or simply plugged in when needed. FDA Approved.

**108-0003** 50' Heated Hose, 360 watts, 120vac. Wt. 16 lbs.

## Bucket Heater



This heater is designed to safely and rapidly heat water. This heater will heat and hold 5 gallons of water at 175° and will actually boil a smaller amount in a 5 gallon bucket. The unit features a safety device which is designed to virtually eliminate fire danger in the event the water boils dry, or the heater is run outside the water container and in contact with combustible materials. Each unit comes with a protective stainless steel guard. Safe to use in metallic as well as non-metallic containers.

**742G** Bucket Heater, 1000 watts. 120 vac.

## Submerged Stock Tank De-Icer



88RG Metal Guard available separately

These Sinking De-Icers rest safely on the bottom of the tank, and are so compact they will even fit in small buckets. Both come complete with a metal guard that makes them safe for rubber, plastic, or structural foam tanks. The De-Icer comes with the fail-safe shut-off system should the tank run dry, as well as built-in thermostatic control.

**15N** De-Icer. 1500 watts. 120vac.

**10N** De-Icer. 1000 watts. 120 vac.

**88RG** Stainless Steel Guard Accessory. Snaps on models 7621, 7521 or 15CA, recommended when used in plastic or rubber tanks.



## Automatic Electric Tank Heater

Keeps 2 x 2 x 6 ft. Tank Ice-free at 0°F

1500 Watts

Fits Any Stock Tank

A simple clamp device permits quick yet secure attachment with only a pair of pliers. The variable thermostat adjustment is enclosed in a weatherproof casing at top of unit and may be set from 30°F to 60°F. The 120vac stainless steel heating element is sealed and is non-corrosive in any water. The API tank heater will keep the tank from freezing even in harshest winter weather. Unit is 24" high and 21" long. 1500 watts.

**71502** Tank Heater with 6' cord. 1500 watts. 120 vac. Wt. 10 lbs.



## 10 Qt. Utility Pail



The 10 Quart Utility Pail features durable poly construction that will not rust or dent making it perfect for everyday use. Pail also features inside level lines to measure both quarts and liters. 9"L x 11"W x 11"D. Wt. 1.5 lb.

- 4900-03 White
- 4900-04 Black
- 4900-05 Red
- 4900-06 Blue
- 4900-07 Green



## 10 Qt. Poly Pail

7 colors available



Strong and well-made 10 qt. DARE Polyethylene Pails are available in 7 colors. Side walls are thick so when filled to capacity they hold their shape, pour without wobble or flex. Molded-in scale on inside of pail. Heavy 1/8" galvanized bail swivels on sturdy pivots. Available singly or in cartons of 12, one color per carton. Top diam. 10-5/8"; height 9"; bottom diam. 8-5/8". Wt. 1.5 lb.

- 1609-02 Dare Poly Pail, Yellow
- 1609-03 White
- 1609-04 Black
- 1609-05 Red
- 1609-06 Blue
- 1609-07 Green
- 1609-14 Burgundy

Feeding & Watering

## Calf Pail Holders



KG112

KG102

Shown with 10 Qt. Utility Pail

KG101

These pail holders are great to use for feeding calves and other small animals. Just slip one over a 2 X 4 or onto wire mesh fence, fill the pail and set it into holder. Holders are constructed from 1/4" steel wire, powder-coated for rust protection. Inside diameter of holder is 9.75" and will accommodate most pails up to 10 quart size.

**KG100** Holder with wide bracket to fit on 2 X 4. Wt. 1.25 lbs.

**KG102** Double Holder to fit 2 X 4's. Holds two pails side by side. Wt. 2 lbs.

**KG101** Holder with narrow bracket to fasten to wire fence panel. Wt. 1.25 lbs.

**KG112** Double Holder with narrow bracket to fasten to wire fence panel. Wt. 2 lbs.



## Tote-Max



Tote-Max has large deep capacity and special holes for tools and small objects. Sits securely on a two-by-four. Made of rubber/poly Fortalloy blend. 11" X 17". Wt. 35 lbs. per dozen.

**TM-08** Tote-Max, Hot Pink.

**TM-06** Tote-Max Blue **TM-04** Tote-Max Black

## Lick Station



Station holds a standard lick block, rock salt or loose salt/mineral mix and can be attached the wall of a building or can hang on rails. Sloped top prevents animals from climbing on it and unique hole shape helps eliminate debris from contaminating the salt and mineral.

**265-4050** Milk Bar Lick Station. Wt. 6.5 lbs.

## Epoxy Coated Wire Hay Rack & Mineral Block Holder



KG104

KG105

These well-constructed Holders are made from 1/4" steel wire, powder-coated for rust protection. Mineral Block Holder holds 50 lb. salt or mineral block. Hay Rack, has a single opening, 17" wide and 17" deep. Both Rack and Mineral Block Holder may be attached to wall or board with bolts or screws (not included).

**KG104** Powder-Coated Wire Mineral Block Holder. Wt. 2 lbs.

**KG105** Powder-Coated Wire Hay Rack. Wt. 4 lbs.

## Universal Salt Block Holder



Unique design allows for feeding protein blocks, salt blocks, loose minerals and feed grain for cattle, goats and equine. Animals cannot gnaw on corners or knock block out of the holder, reducing waste and saving money. Universal secure mounting on wire livestock panels or 2-by board. 12.63" L x 14.25" W x 9.69" H.

**SBPU** Universal Salt Block Holder, 4 lbs.

## Molded Rubber All-Purpose Feeders



8 Qt. Flat Back Bucket

12 Qt. Flat Back Bucket



18 Qt. Hook-Over Feeder

This line of multi-purpose Feeder/Waterers is molded from top quality rubber and is unmatched for pliability and strength. Crush-proof, crack-proof and freeze-proof, these buckets can stay outside year-round.

Eight and Twelve Qt. Buckets have flat backs for easy carrying and feature graduated markings in liters and quarts, finger grip at the bottom, improved eyelet and handle construction, wider opening and stacking ribs so buckets are easier to pull apart when stacked.

Ideal for field, pasture, trailer or stall, 18 Qt. Hook-Over Feeder will hang from any "2 by" board fence. A center notch allows it to be placed by a vertical fence post up to 2" in width. Feeder has interior capacity marks in quarts and liters for easy measuring.

**DF08FB** 8 Quart Flat-Back Bucket, 11.5" top diameter x 9.7" high, wt. 2.5 lbs.

**DF12FB** 12 Quart Flat-Back Bucket, 13" top diameter x 10.6" high, wt. 3.4 lbs.

**DF18HF** 18 Quart Molded Rubber Hook-Over Feeder, 17" x 16" x 10" high, wt. 2.25 lbs.



## Munch Trough



The Milk Bar™ 40 lb Capacity Munch Trough is ideal for all animals and features a high back and sides to prevent spilling. Molded hooks for 2" rails and fences. 31.5" L x 11.8" W x 20.9" H.

**265-4002** Munch Trough, 40 lb capacity, Wt. 8.8 lbs.

## Hook-Over Goat Trough Feeder

9 Qt. Hook-Over Goat Trough Feeder



52 Qt. Hook Over Trough Feeder

**DF09HF** The 9 Qt. Hook-Over Goat Trough Feeder has an unique design to help reduce feed waste while promoting animal safety and improved health. Mounts securely on wire livestock panels or 2-by board. Galvanized steel grid adds strength and keeps aggressive animals from pushing others out while eating. Reinforced hooks provide extra support on ends of feeder. 38"L x 8.5"W x 4.7"H. Wt. 5 lbs.

**DF52HF** The 52 Qt. Hook-Over Trough is built for large feeding jobs. Strong hooks fit over most fencing. Reinforced with fiberglass for extra durability. 47"L x 13.5"W x 9.5"H. Wt. 12 lbs.



## Flat Back 8 Qt. Bucket



Flat-Back Buckets fit compactly against a wall or fence and are easier to carry than round buckets when full of water or feed. Buckets are made from polyethylene resin that is highly resistant to breakage, warping and stress cracks. Top diameter 11.5", 8.5" high. Wt. 1.5 lb.

**P8FB-04** 8 Qt. Plastic Flat-Back Bucket, Black.  
**P8FB-05** Red      **P8FB-06** Blue  
**P8FB-07** Green      **P8FB-28** Hot Pink  
**P8FB-27** Lime Green

## Hook-Over 8 Qt. Feed Bucket



8-Quart Hook-Over Feed Pail is ideal for goats, sheep and miniature horses. The dual purpose molded bracket is both a carrying handle and a bracket that snaps neatly on any 2" board. Grooved finger grip make it easy to carry, pour or even use the pail as a feed scoop. Durable heavy molded poly.

**CPH-05** Hook-Over Feeder, Red. Wt. 1.6 lbs.  
**CPH-06** Blue      **CPH-07** Green

## 8 Qt. Bucket With Hanging Brackets



8 quart hook-over feed pail features a very sturdy galvanized steel two-part bolted bracket. Pail hooks over any 2X type board to hold feed, water or minerals. Made of blue polyethylene resin. Top diam. 11.5", 1.5" bracket, height 8".

**P8HB-06** 8 Quart Plastic Bucket with Hanging Brackets. Wt. 1.55 lbs.

## 6.5 Gallon Tub



6.5 Gallon Duraflex Plastic Tub is made of polyethylene resin and is resistant to warping, cracks and breakage. All purpose tub has rolled rim with molded finger grips. Tub is 18" in diameter, 19" from grip to grip, and 8" high.

**P65-05** Plastic Tub, Red. Wt. 2.8 lbs.  
**P65-06** Blue      **P65-07** Green

## 15 Qt. Feed Bucket



The 15 Qt. Hook-Over Feed Bucket is for livestock of all types. One-piece poly bucket has smooth rounded edges and a molded-in handle for easy carrying. Bucket hooks onto any 2X board or similar structure in the field, pasture, trailer or stall. For permanent installation, two holes are provided for screws. 12" L x 13.25" W x 13.25" H.

**HF15-05** 15 Qt. Hook-Over Feeder, Red, 3 lbs.  
**HF15-06** Blue      **HF15-07** Green

## 12 Qt. Feed Bucket



The Hook-Over Feed Bucket is ideal for feeding livestock in field, pasture, trailer or stall. One-piece poly bucket has smooth rounded edges and a molded-in handle for ease of carrying. Bucket hooks on any 2X board or similar structure. Durable heavy molded poly. 12.125" L x 13.875" W x 14.5" H.

**HF12-05** 12 Qt. Hook-Over Feeder, Red, 4 lbs.  
**HF12-06** Blue      **HF12-07** Green  
**HF12-27** Lime Green      **HF12-28** Hot Pink

## Hook-Over 6 Qt. Mini-Feeder



Utility Mini-Feeder is ideal for individual pen feeding. Measuring 9.75" L x 11" W x 5.5" H, Mini-Feeder hangs on rails up to 1.5" wide and holds up to 5 lbs. of loose feed.

**MF6-05** Six Qt. Mini-Feeder, Red. Wt. 1.25 lbs.  
**MF6-06** Blue      **MF6-07** Green  
**MF6-27** Lime Green      **MF6-28** Hot Pink

## Galvanized Pail



**75HD** Galvanized Steel 8-quart Pail features securely welded bracket to hang on fence or wire. Wt. 3 lbs.

## 20 & 10 Quart Heated Flat-Back Bucket



10 Quart Flat-back Bucket hangs flush against the wall and is constructed of resilient plastic to withstand low temperatures without cracking. Thermostatic control coupled with over-temperature protection ensures ice-free water in freezing conditions, while a sliding door at the bottom stows the 6 ft. grounded cord during summer use.

**10FB** 10 Qt. Heated Flat-back Bucket, Blue, 70 watts, 120VAC. cCSAus Listed. Wt. 3.4 lbs.  
**108-0005** 20 Qt. Heated Flat-back Bucket, Blue, 115 watts, 120VAC. cULus Listed.

## Hook-Over Double Feeder



Double Compartment 16-Quart Hook-Over Feeder is ideal for separating feed, supplements or pellets. Each compartment holds 8 quarts. Heavy duty steel brackets for hanging on wire, pipe or board fences. Made of farm-tough, high-density polyethylene. 7" H x 9.75" W x 24" L.

**HFP24D-04** Double Feeder, Black. Wt. 5 lbs.  
**HFP24D-05** Red      **HFP24D-06** Blue  
**HFP24D-07** Green

## 5 Quart Poly Pail



Ideal for veal and calf operations, this 5-Quart Pail will not lose its shape when full. Molded of prime high density poly with hand-grip at the bottom. Dimensions are 8-5/8" top OD, 6-5/8" bottom OD, height 7-1/2".

**SP50024** Five-Qt. Poly Pail, assorted colors, case of 24. Wt. 14 lbs.  
**SP50324** Five-Qt. Poly Pail, white, case of 24.

## All-Purpose Rubber Tubs



These multi-purpose rubber tubs are molded from strong and pliable DuraFlex rubber with reinforced rim and side handles for easy carrying, filled or empty. Crush-proof, crack-proof and freeze-proof so you can use it indoors or outdoors year-round. Rubber is naturally safe and soft for animals.

**R30-04** 3 Gallon Rubber Tub with Handles, 20.25" L x 17.38" W x 6.91" H, wt. 4 lbs.  
**R65-04** 6.5 Gallon Rubber Tub with Handles, 21.09" L x 18.5" W x 9.84" H, wt. 5.85 lbs.

# FORTEX



## Feed Pans



**CR20** 2 Quart Feed Pan. All-purpose pan for a variety of livestock.  
**CR40** 4 Quart Feed Pan for feed or watering.

## 6-1/2 Gallon Tubs



**CR650** 6-1/2 Gal. Feed Tub for cows, sheep and other animals.  
**CR750-3** 6-1/2 Gallon Feed Tub for Stalls has special loops to attach to stall walls. May be used with the Feed Saver Ring (available separately) to cut down on feed loss and waste.  
**FS-1-04** Feed Saver Ring cuts feed loss and waste. Made of Fortiflex poly/rubber blend.

## 15 Gallon Tub



**CR850** 15 Gallon (1-1/2 Bushel) Large Volume Tub. For multiple feeding of animals for time and labor savings. Makes an excellent salt and mineral feeder.

This superior line of reinforced, molded rubber/fiber tubs and pails is ideal for feeding and watering livestock. Fortex pails and tubs will stand up to hard use by humans and animals alike with fear of damage. Handles and fittings are galvanized steel.

### Weights & Dimensions

Stock No.	Top Diam.	Ht.	Wt. per Dz.	Std. Pack
N400-8	10-3/4"	8-1/2"	32 lbs.	12
N200-10	11-1/2"	9-1/4"	43 lbs.	12
N100-12	12-1/2"	10-1/2"	54 lbs.	12
N105-12	12-1/2"	10-1/2"	54 lbs.	12
N939-18	13-3/4"	12"	71 lbs.	12
B600-18	14"	11-3/4"	65 lbs.	12
B500-20	14"	11"	80 lbs.	6
CR350	17"	4-1/2"	49 lbs.	12
CR20	8"	4"	8 lbs.	24
CR40	10-1/2"	4"	14 lbs.	24
CR650	17"	8-1/2"	76 lbs.	6
CR750-3	17"	8-1/2"	80 lbs.	6
CR850	26"	9-1/2"	140 lbs.	6

## 5 Gallon Corner Bucket



Shown with Optional Corner Bracket

**B500-20** 5 Gallon Corner Bucket Heavy duty bucket to hold up to horse feeding and watering. Shaped to fit snugly into corners. Order Corner Bracket separately.

**1500** Corner Bracket (optional) made of aluminum. Adjustable bail pin locks bucket in tip-free position.

## Hog Pan



**CR350** 3 Gallon Hog Pan. Heavy-weight pan especially suitable for hog feeding.

## 8 Qt. Pail



**N400-8** 8 Quart Pail is a lightweight, utility pail. The low, wide top is ideal for calf feeding.

## 10 Qt. Pail



**N200-10** 10 Quart Pail is a heavy duty, utility pail for around the dairy, farm and stable.

## 12 Qt. Pails



**N105-12** 12 Quart Pail with pouring lip. A heavy duty general utility pail.

**N100-12** 12 Quart Pail (without pouring lip) For heavy duty general use, feed, water, etc. Has graduated markings.

## 18 Qt. Buckets



**B600-18** 18 Quart Flat-Back Wall Bucket. Flat side saves space, is easier to carry and rests firmly against walls without wobble. May be used with the 121WB20 Wall Bracket shown in Fortiflex section.

**N939-18** 18 Quart Bucket with molded lip for controlled pouring.





# FEEDERS, PAILS & BUCKETS



## Flat Back Feeder



**OF20** \* Flat Back Feeder sits over a fence or may be screwed into wall by flipping up the versatile heavy-duty L-style brackets. 20 quart capacity. Black, red, blue, green.

## Salt Block Pan



**SBP10-04** Salt Block Pan has molded radial ribs and large drainage holes to promote rapid draining to minimize dissolving. Sturdy thick-walled pan with convenient handgrips. Black only.

## Multi-Purpose Bucket



**MPB40** \* Multi-Purpose Bucket is a straight-sided, muck-style bucket with rope handles. Useful for a variety of farm chores. 40 quart capacity. Black, red, blue and green.

## Utility Pail



Utility Pail has super-strong bail and extra-wide rounded lip. Lightweight but strong, 8 quart capacity. Black, white, red, blue, green, or hot pink.

**N400-8-03** White **N400-8-06** Blue  
**N400-8-04** Black **N400-8-07** Green  
**N400-8-05** Red **N400-8-08** Hot Pink

## Corner Feeder



**24CF** \* Corner Feeder is conveniently angled, with offset front lip. Four holes reinforced with brass eyelets for corner bolting. Black, red, blue, green.

## Square Lo-Pan



**SLP10-04** Square Lo-Pan is a heavy, thick-walled Fortalloid pan holding 10 quarts of water or feed. Ideal for ground feeding. Molded with handgrip openings. Black only.



## Flat Side Wall Bucket



**120FB** \* Flat Side Wall Bucket for watering & feeding. 20 quart capacity. Secures to wall with (optional) 121WB20 Wall Bracket—no wobble. Flat side makes toting easy. Black, red, blue, green and pink.

**121WB20** Wall Bracket patented, locks bucket in tip-free position.

### \* HOW TO ORDER COLORS

Where you see an asterisk \* specify a color by adding a hyphen and code number after the stock number. For example, MB70-05 is the order number for a Muck Bucket in red.

yellow - 02 white - 03 black - 04  
red - 05 blue - 06 green - 07 pink - 08

### Weights & Dimensions

No.	Top	Height	Capacity	Wt. per Dz.	Std. Pack
120FB	15" OD	11-3/4"	20 qt.	36 lbs.	12
12LP	15" OD	4-1/2"	3 gal.	29 lbs.	12
24CF	23" X 16"	9-5/8"	6 gal.	43 lbs.	6
MB70	21-1/4" OD	16-1/2"	70 qt.	64 lbs.	6
MF2	6 X 12-1/2"	5-3/4"	2 qt.(2)	11 lbs.	24
MP5	11-1/4" OD	4"	5 qt.	7 lbs.	24
MPB40	18" OD	13"	40 qt.	36 lbs.	12
N400-8	10" OD	8"	8 qt.	7 lbs.	24
OF20	14" X 17"	10-1/2"	20 qt.	42 lbs.	12
RF30BU	17-3/8" OD	12"	30 qt.	36 lbs.	12
SBP-10	15" X 15"	5-1/2"	10 qt.	44 lbs.	12
SLP-10	15" X 15"	5-1/2"	10 qt.	42 lbs.	12

## Round Feeder



**RF30BU-06** Round Feeder has large 30 quart capacity — ideal for horses. Three eye-clips and real brass snap hooks for attachment in stall corners. Blue only. Wt. 3 lbs.

**FS-1-04** Feed Saver Ring attaches to CR750-3 Fortex rubber feed tub and RF30BU Fortiflex round feeder. Cuts feed loss and waste. Black only.

## Lo-Pan



**12LP-04** Lo-Pan Feeder, made of strong Fortalloid, has a thousand uses. Black only.

## Mineral Block Holder



**MF2-04** Mineral Feeder features two independent 2 quart sized compartments (6" X 6" X 4" deep). Black only.

## Muck Bucket



**MB70** \* Muck Bucket is a huge tough 2 bushel muck bucket with 1/2" poly handles. Thick wall, high strength, light weight. Black, red, blue, green.

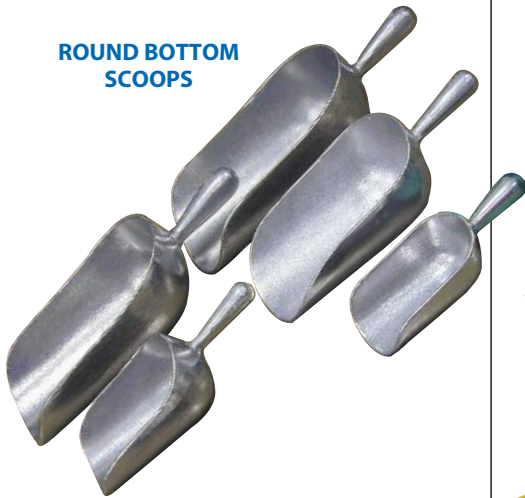
## Mini-Pan Feeder



**MP5** \* Mini-Pan Feeder has capacity markings in U.S. and metric. Handy 5 quart capacity. Black, blue, red.

## Heavy, Top Quality Cast Aluminum Aluminum Scoops

### ROUND BOTTOM SCOOPS



**Round Bottom** feed scoops withstand rugged use. Scoops are made of thick smooth polished aluminum. Length listed in the chart is bowl length, not overall length. Capacities are approximate.

	Capacity	Length	Width	Wt.
<b>277-0108</b>	4 oz.	5"	2-1/2"	.3 lb.
<b>277-0109</b>	6 oz.	6"	2-3/4"	.45 lb.
<b>277-0100</b>	8 oz.	5"	3"	.75 lb.
<b>277-0101</b>	18 oz.	7"	4"	1 lb.
<b>277-0102</b>	1 Qt.	8-1/4"	5"	1.3 lbs.
<b>277-0103</b>	1-2/3 Qt.	10-1/4"	5-1/2"	1.7 lbs.

### FLAT BOTTOM SCOOPS



**Flat Bottom** scoops are made of quality cast aluminum. They keep their balance when set in place, even with a full load.

	Capacity	Length	Width	Wt.
<b>277-0121</b>	4 oz.	4-1/2"	2-3/4"	.35 lb.
<b>277-0122</b>	8 oz.	5-1/2"	3-1/4"	.4 lb.
<b>277-0123</b>	12 oz.	6-1/4"	4"	.55 lb.

## Galvanized Scoop



Practical, well balanced, strongly made scoops for feeds, seeds, grains, fertilizers, barn lime, etc. Steel braces as illustrated with steel handle. Galvanized.

- 3Q** 3 qt. Scoop, 1.5 lbs.
- 4Q** 4 qt. Scoop, 2 lbs.
- 6Q** 6 qt. Scoop, 2.5 lbs.

## 2 Qt. Plastic Scoop



Low cost, 2-qt. scoop made of tough linear polyethylene which can be bent in practically any position without cracking. Designed for faster, easier feed scooping. Color may vary.

**5KFS** Feed Scoop. Wt. 8 oz.

## 3 Quart Stand-Up Enclosed Plastic Scoop



Ideal for supplements, feed and seed, new Enclosed Feed Scoop measures out a full three quarts and holds the contents in an upright position. Made of food grade, high-density polypropylene plastic, this scoop has superior strength, ergonomic handle and built-in graduation marks for easy measuring. Wt. .65 lb.

- 150-4002** Stand-Up Scoop, yellow
- 150-4006** Stand-Up Scoop, blue
- 150-4007** Stand-Up Scoop, green
- 150-4005** Stand-Up Scoop, red
- 150-4004** Stand-Up Scoop, black
- 150-4028** Stand-Up Scoop, neon pink
- 150-4027** Stand-Up Scoop, neon green

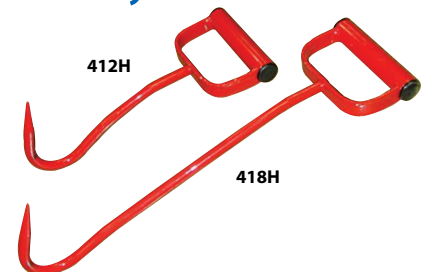
## Faultless Feed Scoop



Heavy-duty polypropylene 5-pint scoop has graduation marks, reinforced contoured handle and sits flat. Scoop is approved for food handling. Wt. .5 lb.

- 9000-05** 5-Pint Feed Scoop, Red
- 9000-02** Yellow
- 9000-03** White
- 9000-06** Blue
- 9000-07** Dark Green
- 9000-27** Lime Green
- 9000-28** Hot Pink

## Hay Hooks



Simo Hay Hooks are made to provide easy insertion as well as release from bale. D-handle is 4" wide inside permitting user to wear heavy gloves. Hay Hooks are made of high strength 7/16" round cold rolled steel for maximum strength and durability.

- 412H** Hay Hook, 11" overall. Wt. 1 lb.
- 418H** Hay Hook with extra long shank, 17" overall.



**F-6  
Analog  
Model**



**Model F-6**

# Delmhorst Hay Moisture Detectors



**F-2000  
Digital  
Model**



**Model F-2000**

**Model FX-2000**

**FX-2000  
Digital Inside-the-Cab  
Continuous-Read  
Baler Model**

**Sensor**



A favorite among value-minded producers needing a basic meter, and those serving the export markets that require a lower %MC range rating

- Popular analog readout
- Moisture content range from 6%-30%
- Calibration checks
- 1 year warranty

**F-6/1235** Hay Moisture Detector Value Package for 13-40% range including Meter, 9V battery and #1235 Direct-Thread Probe. Wt. 1.5 lbs.

**F-6/6-30/1235** Low-Range Hay Moisture Detector Value Package for 6-30% range including Meter, 9V battery and #1235 Direct-Thread Probe. Wt. 1.5 lbs.

### Deluxe F-6 Package

Accessories and Carrying Case are pictured below.

**F-6/PKG** Hay Moisture Detector Deluxe Package including F-6 Meter in 13-40% range, H-4 Handle, 830-2 Prod, 831 Short Pin Prod and 2498 Carrying Case. Wt. 4 lbs.

**F-6/6-30/PKG** Low-Range Hay Moisture Detector Deluxe Package including F-6 Meter in 6-30% range, H-4 Handle, 830-2 Prod, 831 Short Pin Prod and 2498 Carrying Case. Wt. 4 lbs.

- Digital readout
- Microcontroller circuit
- Built-in calibration check
- Measures moisture content over a 6%- 40% range
- Averages up to 100 accumulated readings
- Displays average and highest of accumulated readings
- 3 year warranty

**F-2000/1235** Digital Hay Moisture Detector Value Package including F-2000, 9V battery and #1235 10" Direct Thread Probe. Wt. 1.5 lbs.

### Deluxe F- 2000 Package

Accessories and Carrying Case are pictured below.

**F-2000/PKG** Digital Hay Moisture Detector Deluxe Package complete with F-2000 Meter, H-4 Handle, 830-2 Prod, 831 Short Pin Prod, and 2498 Carrying Case. Wt. 4 lbs.

- Microcontroller circuit
- Backlit digital display
- Built-in calibration check
- Measures moisture content over a 6%-40% range
- Can be used as a continuous monitor during baling or as a portable meter for on-the-go moisture monitoring
- 3 year warranty

**FX-2000/1986** Baler Moisture Meter Value Package including FX-2000 Meter, 9V battery, 1986 Electrode Sensor and connector to 12V vehicle battery. Wt. 1.5 lbs.

### Deluxe FX- 2000 Package

Accessories and Carrying Case are pictured below.

**FX-2000/PKG** Baler Moisture Meter Deluxe Package complete with FX-2000 Meter, H-4 Handle, 830-2 Prod, 831 Short Pin Prod, 1986 Sensor, 12V connector, and 2498 Carrying Case. Wt. 4.5 lbs.

## Accessories

Moisture tests can be run on hay or grain in bags by use of Delmhorst accessories listed below. Note: All prods listed below thread into the H-4 handle (required) which connects to the Moisture Meter. These accessories are for use with Meter models FX-2000, F-2000 and F-6. Handle and prods may be used with the G-7 Grain Moisture Detector.

**831** Short pin prod for chopped hay or hay in windrows.

**832** Long pin prod for seed and grain in bags.

**830-2** 10" prod for baled hay.

**830-3** 18" prod for baled hay.

**830-4** 36" prod for baled hay.

**H-4** Electrode Handle. (Required for use with above prods.)

**2498** Handy Carrying Case neatly holds one hand-held meter, electrode handle, short pin prod and 10" pin prod. Order supplies separately. Wt. 1 lb.

**1235** 10" Prod for direct-thread to FX-2000, F-200 & F-6 meters (H-4 handle not required.)



**830 PROD**



**CARRYING CASE SHOWN WITH METER AND ACCESSORIES, NOT INCLUDED**



**H-4  
ELECTRODE  
HANDLE**



**831 SHORT  
PIN PROD**



**832 LONG  
PIN PROD**

## Delmhorst Grain Moisture Detector



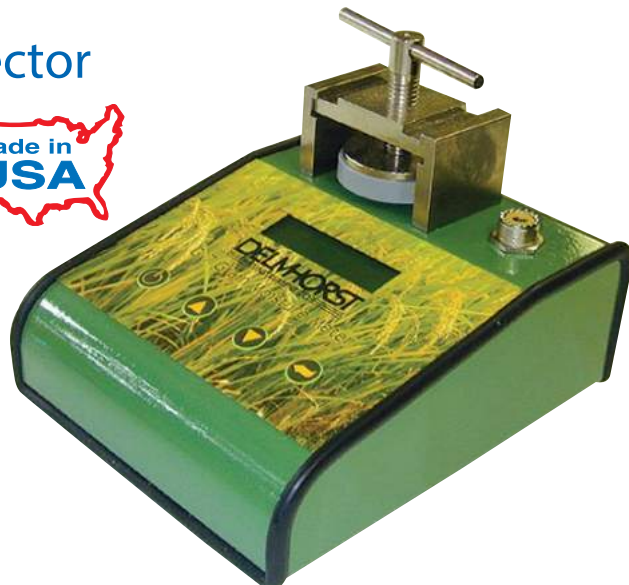
The Grain Moisture Detector is now improved with a powerful micro-controller circuit for increased data processing capabilities. Accurate information about moisture content is critical for optimal harvesting and marketing and for cost-effective use of ventilating and grain-drying equipment. Sample cup is filled with grain sample (three or four grams is sufficient). Electrode handle is turned and tightened down until data appear in the readout. No additional equipment, such as a scale or grinder, is necessary for grain testing, but optional accessories may be added for checking moisture in hay or where a small sampling is not feasible.

The G-7 may be calibrated for many different crops of grain, seed, beans, corn or rice and now even dried pasta storing up to 150 accumulated readings in user-defined batches by grain. It may be set for automatic or manual temperature correction. The display will show average and highest readings, standard deviation and co-efficient of variance of stored readings. A built-in calibration check assures accuracy and reliability.

The G-7 has a moisture range of 6% to 40% and is powered by one 9-Volt Alkaline battery. G-7 has a fitting on top for the Delmhorst H-4 Handle to attach to any of its prods for sampling hay or grain in bags. The unit is a compact 7-1/4" by 6" by 5-1/2". One Year Warranty.

**G-7** Grain Moisture Detector, one 9V battery included. Wt. 5 lbs.

**324CAS-0016** Carrying Case for G-7 Moisture Detector.





# Calf Feeders

- Milk Bar® Calf Feeders feature the patented Milk Bar® nipple which promotes slow nursing for best calf health.
- Maximizes salivation which promotes enzymes and natural antibiotics for good digestion and healthy immunities.
- Cuts down on guzzling and choking which ensures milk enters the abomasum, not the rumen where scours can result.
- Milk Bar® nursing allows calves to be raised in groups saving in labor costs while raising socialized, contented calves.

**FREE!**  
Calf-Raising  
Booklet

265-5000  
Milk Bar Booklet  
"Raising Healthy  
Calves the Easy  
Way"



## Milk Bar® Feeders



Milk Bar Feeders are fitted with Milk Bar Teats for great calf health and feature fully adjustable, bump proof EZ-Lock Brackets or Fixed Metal Brackets. Feeders are easy to clean, handle and are very durable. Milk Bar Feeders also stack together with teats fitted for easy and convenient portability and storage.

- 265-2101 EZ-Lock Milk Bar 1, 5 quart capacity, reversible brackets. Wt. 4 lbs.
- 265-2106 EZ-Lock Milk Bar 6, 9 gallon capacity. Wt. 7 lbs.
- 265-2110 EZ-Lock Milk Bar 10, 15 gallon capacity. Wt. 12 lbs.
- 265-2112 Milk Bar 12 with fixed metal brackets, 18 gallon capacity. Wt. 14 lbs.

## Milk Bar® Compartment Feeders



Milk Bar Compartment Feeders is the way to feed a group of calves and know that each is getting the proper amount. Compartment feeders are useful for transitioning calves from individual pens or acclimating new calves purchased from a raiser. Each compartment holds 2.5 quarts.

- 265-2202 EZ-Lock Compartment Milk Bar 2. Wt. 4.5 lbs.
- 265-2203 EZ-Lock Compartment Milk Bar 3. Wt. 6.5 lbs.
- 265-2205 EZ-Lock Compartment Milk Bar 5. Wt. 10 lbs.
- 265-2210 Compartment Milk Bar 10 with fixed metal brackets. Wt. 18 lbs.

Calf Care

## Molded-In Fence Brackets & Hook Feeders



- Molded-in fence bracket and hook feeders easily hook onto wire, one-by-four wood rail, and cattle panels.
- 265-2001 Milk Bar 1. Holds 3 quarts. Wt. 1.5 lbs.
  - 265-2005 Milk Bar 5. Four gallon capacity. Wt. 6 lbs.

## Milk Bar® Free Standing Feeder

Milk Bar 20 Free Standing Feeder has a 30 gallon capacity and features a heavy-duty solid base eliminating calves from knocking the feeder over. The feeder bowl locks into the stand allowing you to move the whole unit from one pen to the other, it also stacks inside the base stand for convenient transport and storage.

- 265-2320 Milk Bar 20 Free Standing Feeder. 34" diameter by 36" high, assembled. Wt. 26.5 lbs.



## EZ-Lock Brackets

EZ-Lock Brackets are made of resin nylon with extra ribbing. Brackets are guaranteed for two years and include bracket, slide and cap. Set of 2 polybagged with instructions.

- 265-0014 Set of 2 EZ-Lock Brackets
- 265-0011 Repl. Cap only



Calf Nipple



Colostrum Nipple

## Milk Bar® Calf Nipples

- Gravity-flow Milk Bar Nipples require no valves or tubes. For best results, use new nipples for each new group of calves. All Milk Bar Nipples fit a 7/8" hole.
- 265-0002 Milk Bar Nipple for calves. Package of 10.
  - 265-0002-2 Milk Bar Nipple for calves. Package of 2.
  - 265-0001 Colostrum Milk Bar Nipple for newborn feedings. Package of 5.
  - 265-0030 Milk Bar Adaptor Cap f/ Stallion & Peach Teat Feeders. Nipple sold separately.



US Patent 5,788,097 - 5,598,809  
PCT Patent  
NC93/00065 NZ95/00011



265-0030  
Milk Bar  
Adaptor  
Cap



## Milk Bar® Removal Tool

Galvanized Milk Bar Tool is ideal for removing old nipples and inserting new.

- 265-0020 Milk Bar Removal Tool, wt. 2.1 lbs.





## Milk Bar® Straight Line Feeders



Straight Line Feeder is designed to fit on gates and features strong aluminum hooks and bracing for strength and easy handling. Feeders are pre-drilled for 1" or 1.5" if bolting on rails is preferred. Comes with Milk Bar Calf Nipples. Feeders are 13"H X 7-3/4" W, lengths indicated below. Feeders ship oversize or truck.

**265-2313** Milk Bar 13 Straight Line Feeder with 13 nipples. 7 ft. in length and holds 26 gallons. Wt. 22 lbs.

**265-2318** Milk Bar 18 Straight Line Feeder with 18 nipples. 11 ft. 4 in. in length and holds 44 gallons. Wt. 24.2 lbs.

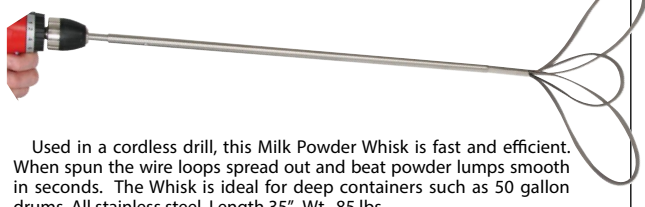
## Milk Bar® Rail Pail Filler



Rail Pail makes it easy to fill Milk Bar feeders from outside the fence. Large capacity and wide lip makes pouring neat and quick, reduces spilling and splashing and avoids the strain of reaching with a heavy pail. Pail measures 24" at top from tip to back of pail and is 13" tall.

**265-4001** Rail Pail, 6.6 gallons (25 liter) capacity. Wt. 6.5 lbs.

## Milk Powder Whisk



Used in a cordless drill, this Milk Powder Whisk is fast and efficient. When spun the wire loops spread out and beat powder lumps smooth in seconds. The Whisk is ideal for deep containers such as 50 gallon drums. All stainless steel. Length 35". Wt. .85 lbs.

**213925** Milk Powder Whisk



## Milk Kart

The Milk Kart holds 33 gallons for quick and easy refilling of Milk Bar feeders with no lifting or carrying of heavy buckets. Kart is fitted with a flow meter, sight glass with gradients, a power whisk for mixing milk replacer, and a 7.8 ft. hose with a valve-operated nozzle. Double insulated construction of the tank keeps milk warm and the large diameter, heavy duty steel-rimmed wheels allow easy movement over any terrain; Built-in brake is automatically applied when the handle is released. 12VDC pump is gentle on the milk and is activated by the switch, while a valve adjusts and stops the flow. Use a cordless drill, 14VDC or larger, (not included) to run the mixing whisk.



Complete unit as shown includes Kart, 12VDC pump, hose, dispensing nozzle, sight glass, flow meter, mixing whisk, battery and charger.

**265-6000** 33 Gallon Milk Kart complete, 3.3 ft.L x 3.9 ft.H x 2.3 ft.W. Wt. 126 lbs.



## Mobile Milk Bar® Calf Feeder



Mobile Milk Bar goes right to pen or pasture to feed up to 45 calves or 55 calves with larger model. Unit consists of a milk tank with hinged lid, manifold with nipples, two fill taps and two drain taps all mounted on a galvanized trailer with hard rubber tires. Milk replacer is mixed in the tank then the required amount is released into the manifold. A manual leveler allows milk to flow evenly to all teats whether draw bar is on the ground or on a vehicle with high tow bar.

To clean, mix cleaning solution in the tank, let flow through the taps, scrub the tank and the nipples. Mobile Milk Bar is made of quality materials for easy cleaning, durability and calf safety. Ships truck.

**265-2050** Mobile Milk Bar Feeder with 50 nipples and 132 gallon/500 liter tank. Overall length including draw bar is 11.5 ft., width 69". Wt. 405 lbs.

**265-2060** Mobile Milk Bar Feeder with 60 nipples, 195 gallon/750 liter tank and tandem axles & suspension. Overall length including draw bar is 13ft., width 78". Wt. 600 lbs.

**65-0030** Milk Bar Adaptor Cap f/ Stallion & Peach Teat Feeders

## Excal Multi-Nurser System



TCEFX  
Fast-Flow  
Calf Nipple

The Excal Nursing system is the easy way to feed a number of young animals at once. The economical multi-feeder system shown in the diagram are made by attaching the Excal nipple components to an empty 15-gallon drum such as a teat dip drum. Holes should be drilled about 5 inches apart.

The Excal Calf Nipple is innovatively designed to create a pump-like effect when the calf bites onto it, replicating natural suckling action. The flat side reminds the user to place the nipple flat side down which assures the nipple slit is aligned correctly for no leakage and easy nursing. Holes (20-22mm / 7/8") are drilled 5 inches apart. The nipple is pushed through the hole, then attached to a piece of 18V tubing. It is recommended to attach the Excal tube stop valve at the bottom of the tube to prevent back-flow.

**TCEFX** Calf Excal Nipple.

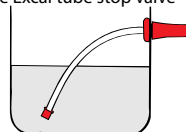
**CFTSVX** Excal Tube Stop Valve, each.

**18V** Clear Tubing 1/4" ID X 7/16" OD, 100 ft. roll.



CFTSVX  
Stop Valve

Fast-Flow  
Set-up



## Floating Trainer Nipple



Floating Trainer Nipple helps calves learn to drink from a bucket. Trainer is unsinkable and always stays upright. Floating base has a ring to connect a chain or cord to the bottom of the pail. Unit is easy to take apart for cleaning or nipple replacement.

**687-1290** Floating Trainer Nipple. Wt. 8 oz.

**687-1293** Replacement Nipple, sold each.



## Nursers for Lambs / Kids



265-3001

Back View

265-3007

265-3110

265-3000

Lamb /Kid Nipple  
265-1002

Lamb /Kid  
Colostrum Nipple  
265-1001

Calf Care

Patented Milk Bar Nipples promote slow-nursing for maximum salivation, healthy digestive development and a minimum of choking and guzzling. When the salivation urge is satisfied, animals are more content and the enzymes and natural antibodies in the saliva help calves build digestive health and a strong immune system. Nipples require no valves or tubes and fit in a 7/8" hole. Nursers come complete with nipples as shown.

**265-3001** Milk Bar 1 for lambs/kids with molded-in bracket to hook onto wire or one-by-four wood rail. Holds 3 quarts. Wt. 1.5 lbs.

**265-3007** Milk Bar 7 for lambs/kids with molded-in bracket. Four gallon capacity. Wt. 6 lbs.

**265-3110** Milk Bar 10 for lambs/kids with EZ-Lock fence bracket. Nine gallon capacity. Wt. 7 lbs. Patented EZ-Lock mounting bracket is adjustable for attachment to anything from rails to pipes up to a width of 3 inches. EZ-Lock brackets are made of resin nylon with extra ribbing for strength and toughness. Brackets are guaranteed for two years.

**265-3000** Milk Bar Hand Nurer for lamb/kids. Capacity 3 qts.

**265-1002** Milk Bar Nipple for lambs/kids. Lasts twice as long as other nipples. Package of 5.

**265-1002-2** Milk Bar Nipple for lambs/kids. Package of 2.

**265-1001** Colostrum Milk Bar Nipple for newborn lambs or kids' colostrum feeding. Package of 5.



## Lamb /Kid Nursers



983  
One Quart  
Lamb/Kid  
Nurser



984  
Two Quart  
Lamb/Kid  
Nurser

**984** "E-Z" Plastic Two-Quart Nursing Bottle Complete including screw cap, lamb nipple and two-quart bottle.

**983** "E-Z" Plastic One-Quart Nursing Bottle Complete including screw cap, lamb nipple and one-quart bottle.

**917N** Replacement screw-on type lamb nipple.

## Snap-On Lamb Nipple



**94LN** Replacement Snap-On Nipple for lambs and kids. Fits E-Z Bottles part numbers 919B 2-Qt. Bottle and 918B 3-Qt. Bottle.

## Lamb Nipple for Manna Pro Bottle



**0942079901** Lamb Nipple fits Manna Pro Bottle. See our Manna Pro Nurser part number 0942029906.

## Lamb & Kid Feeding Bucket

A well-designed cafeteria for up to 10 lambs or kids. Complete unit consists of 3.5 gallon polyethylene bucket, cover, ten nipples, ten feeder tubes and a tube-cleaning brush. Bucket holder ring is ordered separately. Bucket is 10" high with top diameter of 12" and bottom diameter of 10.5".

**CS-123** Lamb/Kid Feeding Bucket. Wt. 5 lbs.

**CS-119** Optional bucket holder ring. May be welded or bolted to tire rim or other structure if desired. Wt. 3 lbs.

**CS-120** Replacement Nipple - special design fits through 5/8" hole in pail and holds plastic tube which extends down into the milk.

**CS-121** Replacement Clear 12" Plastic Tube for use with nipple.



CS-123 Feeder

With CS-119  
optional  
bucket ring

## Lamb & Kid Nursing



## Excal Lamb / Kid Nipple



Lamb/Kid Nipple is suitable for kids or lambs except for the very youngest. Snap it onto any water or soda bottle for individual feeding. Nipple will fit holes 15mm to 20-22mm (9/16" or 7/8") for an improvised bucket feeding system and will also fit MilkBar feeders. The nipple slit should be aligned vertically to minimize leakage.

**TKLEX** Lamb/Kid Excal Nipple or soda bottle or group feeding system

## Lamb Nipples for soft drink bottles



92N

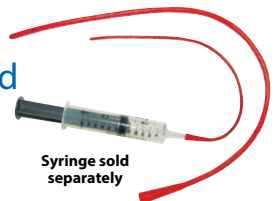
LFET Excal Nipple

Recycle and reuse any plastic soft drink bottle with these caps.

**92N** Lamb & Kid Nipple, soft pliable rubber, snaps easily onto the bottle threads. Box of 12.

**LFET** Excal Lamb Nipple including cap, nipple and ball valve. Compression-molded rubber nipple lasts longer than latex and the cross-cut opening promotes nursing. Includes a ball valve to allow air inlet to bottle. Screw cap fits soda bottle.

## Lamb /Kid Feeding Tube



Syringe sold  
separately

Feeding Tube for Lambs and Kids is made of red rubber which stays flexible even in cold weather. This helps prevent injury when stomach-tubing these small sensitive animals. Use catheter-tipped syringe of your choice. Feeding tube is 16" long.

**451414** Feeding Tube for Lambs/Kids.

**2363-001** 60cc Catheter-Tip Disposable Syringe, 5cc/ 1/4 oz. graduations. Sold each or box of 20.





## Hand Pump-Style Milk & Colostrum Collectors



**Udderly EZ Kit for  
Mares shown**

Udderly EZ is a safe and effective milk and colostrum collecting device. The hand-held, trigger-operated pump snaps onto a flanged plastic extraction cylinder. Each milker comes packaged complete with the appropriate accessories.

One-hand operation is gentle on the animal and comfortable for the operator. A few pulls on the trigger creates a vacuum in the bottle and milk flow starts, filling the bottle with just a few more pumps. Colostrum collection bottles are clear plastic with a leak-proof inner seal. A rubber O-ring assures a good vacuum seal during collection and guards against leaking during freezing or transporting.

**938-0001** Udderly EZ Horse Milker Kit. Contains pump complete, one pint-size collection bottle with caps and O-ring, two 8 oz. bottles, large extraction tube, small extraction tube, nipple and package of udder wipes. Boxed with instructions and instructional DVD. Wt. 1.6 lbs.

**938-0003** Udderly EZ Cow Milker Kit. Contains pump complete, one pint-size collection bottle with cap and O-ring, one quart-size collection bottle, large extraction tube, small extraction tube, two sizes of inflation inserts, nipple and package of udder wipes. Boxed with instructions and instructional DVD. Wt. 1.9 lbs.

**938-0002** Udderly EZ Goat Milker Kit. Contains pump complete, one pint-size collection bottle with cap and O-ring, one quart-size collection bottle, large extraction tube, small extraction tube, two sizes of silicone inflations, bottle nipple and package of udder wipes. Boxed with instructions and instructional DVD. Wt. 1.9 lbs.

**938-0004** Udderly EZ Milker Kit for Sheep and Small Exotic Breeds. Contains pump complete, two 8 oz. collection bottles with caps and O-ring, one pint-size bottle, large extraction tube, small extraction tube, two silicone inflations, nipple and package of udder wipes. Boxed with instructions and instructional DVD. Wt. 1.7 lbs.

### Replacement Parts for Udderly EZ Milkers

- 938-1003** Pump Repair Kit
- 938-1002** Large Extraction Tube
- 938-1004** Small Rubber Insert
- 938-1005** Large Rubber Insert
- 938-1006** Small Silicone Insert
- 938-1007** Large Silicone Insert
- 938-1010** Bottle Clip
- 938-1020** Handle
- 938-1030** Valve, 4-pack



**938-1003**

### Replacement Bottles include O-ring and cap

- 938-0804** 8 oz. Bottle, 4-pack
- 938-0812** 8 oz. Bottle, 12-pack
- 938-1602** Pint Bottle, 2-pack
- 938-1612** Pint Bottle, 12-pack
- 938-3202** Quart Bottle, 2-pack
- 938-3212** Quart Bottle, 12-pack



## BRADEN START

### Braden Start<sup>®</sup> Bottle

Start grain feeding early  
for healthier calves.

The difference in rumen development is dramatic between calves fed grain at a very early age compared to milk alone. The earlier the rumen develops, the healthier, stronger, more disease-resistant calves will be. The Braden Start™ Bottle is your key to getting this advantage.

The strong nursing instinct the first three days after birth enables the calf to quickly learn how to use the Braden Start™ Bottle. Clean, dry feed is efficiently dispensed with no spilled buckets or open feed troughs where contamination can build up.

Convenient top-loading Braden Start™ Bottle is made of clear, strong polyvinyl chloride guaranteed for one year against calf damage. Exclusive design of the rubber snap-on nipple lets the calf get virtually all of the feed with very little spillage. One nipple lasts for 2-3 calves. Suitable for any type of grain or starter mix with the exception of high syrup content feeds.

**BB90** Braden Start Bottle with nipple. Wt. 12 oz.

**BN90** Repl. Nipple, bulk.

**BN90-2** Repl. Nipple, package of 2.



### Colostrum Densimeter

Good quality colostrum is necessary for developing immunities in calves and the Colostrum Densimeter helps evaluate the quality by measuring specific gravity. Sampling cylinder (250ml) and complete instructions included.

**290855** Colostrum Densimeter complete with measuring cylinder and instructions, boxed.



### Colostrometer

Determining the level of immune-producing substances in colostrum can help protect valuable calves from disease. Insure that calves receive a rich concentration of antibodies during the critical first few hours of life by using the handy Colostrometer. 250ml poly-propylene flask is included. Antibody concentration is indicated by the level at which the Colostrometer floats. Boxed with instructions.

**C101** Colostrometer. Wt. 8 oz. Flask included.

### Digital Refractometer



**176-2001**

Deluxe Model  
shown in  
optional Armor  
Jacket



Raising healthy calves depends on feeding top quality colostrum. The Palm Abbe Digital Refractometer is convenient, and easy to use to check colostrum quality. Simply flip up the cover, place a drop or two of colostrum in the titanium well and press the GO button. The custom-designed microprocessor delivers a nearly instantaneous readout in degrees Brix (0 to 56). A reading of 22 or above means that the colostrum quality is good. The large LCD display is easily read, even in dim light. Calibration is quickly done with water.

Model 176-2002 adds a blood protein scale. Deluxe model 176-2003 displays colostrum, urine specific gravity, milk solids and blood protein. Optional orange rubber Armor Jacket protects the instrument from harsh conditions. Complete instructions are included with all models.

**176-2001** Digital Refractometer. Wt. 12 oz.

**176-2002** Digital Refractometer with Protein Scale. Wt. 12 oz.

**176-2003** Deluxe Digital Refractometer. Wt. 12 oz.

**176-2100** Optional Rubber Armor Jacket

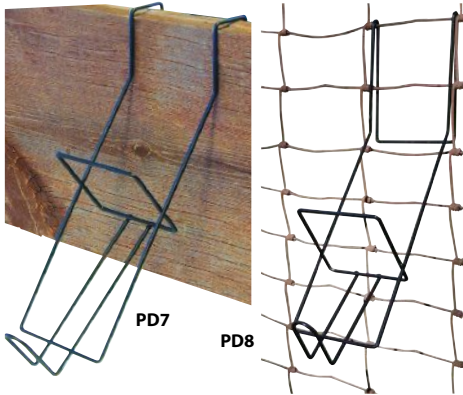
### Optical Refractometer



Refractometer gives quick and accurate readings of colostrum by measuring 0-32% Brix, with accuracy of 0.2%. High quality colostrum is a good indication of immunities available for absorption by a newborn calf. A Brix value of 22% or greater indicates colostrum quality is good. Unit features an Automatic Temperature Compensation (ATC) range of 50°F - 86°F without needing recalibration, a great convenience when testing a large number of cows. Refractometer has an all-metal body, polypropylene grip, focusing eyepiece, drop-tested daylight plate with hinge, and is backed by a 30-day guarantee. The unit is packed in a nylon padded zipper pouch and includes a pipette, a screwdriver and complete instructions for use and care. Wt. 13 oz

**176-3000** Optical Refractometer. Wt. 13 oz.

## Bottle Racks FOR 2 & 3-QT NURSERS



Bottle Racks are made of smooth powder-coated 3/16" wire, reinforced for strength. May be used with E-Z Nurse™, Little Giant, Manna Pro, Milk Bar™ and others.

- PD1** Bottle Rack for long 3 qt. bottle on wooden fence
- PD2** Bottle Rack for long 3 qt. bottle on wire fence
- PD7** Bottle Rack for 2 qt. bottle on wooden fence
- PD8** Bottle Rack for 2 qt. bottle on wire fence

## CALF-TERIA Galvanized Pails



Heavy 26-gauge galvanized steel Calf-Teria pail has long been popular with calf raisers everywhere. Nipple assembly is easy to take apart for cleaning. Bracket is securely welded to back of pail to fit over fence or pen rail.

- 72HD** 8 Qt. Nipple Pail, complete. Wt. 3 lbs.
- 73** Replacement Nipple.
- 74** Replacement Valve Assembly.
- 4500-7** Repl. Washer      **4500-8** Repl. Nut.
- 75HD** 8 Qt. Galvanized Steel Pail, with bracket and handle but without nipple feature.



## Nipple Pail



Calf-Mate Nipple Pail is made of Fortiflex Fortalloy, a poly/rubber blend. Strong, sanitary, non-porous rubbery material resists the effect of heat, cold, oils, chemicals, fertilizers, weather, strong detergents, soaps and acids.

Fittings and bracket are heavy gauge galvanized steel. Four aluminum rivets attach the bracket firmly to the pail. This pail has no corners to trap dirt, no seams to split and offers unmatched durability in the calf pen where only the best pails make the grade. Calf-Mate pails come complete with black rubber nipple and polyethylene check valve. Case of 12 weighs 19.5 lbs.

- N400-8CF-06** Calf-Mate Nipple Pail, 8 quart.
- CFN** Repl. Nipple      **CFV** Repl. Valve.

## Calf Hutch Bottle Holder



Calf Hutch Bottle Holder allows calves to drink inside their hutch during adverse weather conditions. Easily refilled from the outside. Install by cutting a 5.5" x 7" hole in the hutch wall then bolt the corners (bolts not included). Fits most styles of two- and three-quart nursing bottles.

- JK100** Calf Hutch Bottle Holder, black polyethylene. Wt. 2 lbs.

## Coated Wire Bottle Carriers



Bottle Carriers are made of heavy 3/16" powder-coated wire with hinged handles.

- KG103** Carrier for two-quart nursers. Holds eight bottles.
- KG139** Carrier for Poly-Dome PD3 3-quart nursers. Hold six bottles.

## Nursing Bottle Brush for Cordless Drill



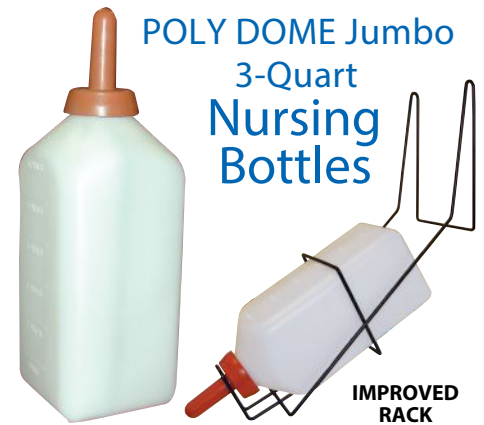
Used with a rechargeable power drill, this brush makes quick work of cleaning large numbers of two, three and four quart nursing bottles. Soft nylon bristle brush will reach every corner and bend of the bottle. Brush has a mixture of type 6.6 and 6.12 soft non-scratch bristles. We recommend running the drill at low to medium RPM for maximum life of the brush. 18.5" overall length, 5.5" wide.

- RB7767** Drill-Operated Nursing Bottle Brush. Wt. 6 oz

## Metal Whisk FOR MIXING MILK REPLACER



- 992** 12" Metal Whisk is useful for mixing milk replacer.



## POLY DOME Jumbo 3-Quart Nursing Bottles

### IMPROVED RACK

More and more veterinarians and universities say that 2 quarts of milk is not enough in cold weather. In fact, some vets claim it is not enough under any conditions. For faster gain and healthier calves, switch to Poly Dome 3 quart nursing bottles. Easy to wash and sterilize. Mouth of bottle measures 2-1/4" OD. Rack and carrier, available separately, are made of powder-coated 3/16" steel wire and reinforced for strength.

- PD3** 3 Quart Bottle with snap-on nipple.
- PD4** Replacement Nipple.
- PD5** Replacement 3 Quart Bottle.
- PD9** Bottle Rack for 3 qt. bottle on wire fence
- KG139** Bottle Carrier. Holds 6 bottles.

## Speedy Feeder Nursing Bottle



The Speedy Feeder Nursing Bottle features an adjustable valve which may be switched to three separate settings for the rate of milk flow, slower for weak calves, faster for the vigorous ones. The special nipple, known as the "Peach Teat", has a natural size, shape, feel, and features "pump action" — squeezing the calf's jaw will pump milk through the teat. Molded-in handle allows one-handed grip either forwards or backwards. The neck opening is 3" and has an easy-thread plastic cap.

- CFSF** Speedy Feeder complete with black nipple, cap and 3-way valve, 2.5 liter capacity.
- RCNA** Replacement cap and nipple assembly.
- CFSFN** Replacement nipple only.





## E-Z Nurse™ Plastic Nursing Bottles

996  
Three Quart  
Calf Nurser

915R Rack  
for 2 quart  
nurser

918R Rack  
for 3 quart  
nurser

SP1515 Long Bottle Brush

846 Long Bottle Brush

E-Z Nurse™ Nusers prevent gulping and help calves gain weight faster right from the start. Plastic bottle includes pint markings and gripper grooves, won't crack or break and lasts indefinitely. It's light and easy to clean and sterilize. E-Z Nurse™ Calf Nipple is rubber with cross-cut opening for full flow and a vent hole prevents vacuum build-up. Nipple seals shut when not in use. Bottle rack is made of heavy rust-proof galvanized wire.

Nusers are available with standard screw-cap and nipple or with one-piece snap-on nipple. The snap-on nipple will also fit the Carnation bottle. Mouth of bottles measure 2-5/8" OD.

### Two-Quart Nusers

**911** Complete Nurser including screw cap, calf nipple and two-quart bottle. Carton of 12 weighs 6.5 lbs.

**921** Complete Nurser including snap-on calf nipple and two-quart bottle.

**913B** Repl. 2-quart bottle only, screw cap type.

**919B** Repl. 2-quart bottle only, snap-on type.

**915R** Wire Bottle Rack for two-quart nusers. Carton of 12 weighs 7 lbs.

### Three-Quart Nusers

**996** Complete Nurser including screw cap, calf nipple and three-quart bottle. Ctn. of 6 weighs 9 lbs.

**918** Complete Nurser including snap-on calf nipple and three-quart bottle.

**918R** Wire Bottle Rack for three-quart nusers. Ctn. of 12 weighs 9 lbs.

**999** Replacement 3-quart bottle, screw cap type.

**918B** Replacement 3-quart bottle, snap-on type.

**846** 24" Bottle Cleaning Brush for 3-quart bottles.

**SP1515** 24" White Bottle Brush for 3-quart bottles.

### Replacement Nipples & Caps

**914N** Replacement screw-on type calf nipple.

**916C** Replacement screw cap.

**920N** Replacement snap-on type calf nipple.

994

995



## E-Z Nurse™ "Maximum" Calf Nusers

"Maximum" Snap-On Calf Nipples provide maximum bottle grip and maximum nipple length. They are perfect for hutches. Nipples provide increased milk flow and are "E-Z" to clean.

**994** MAX 2 Qt. Nurser with Snap-On Nipple. Wt. .4 lb.

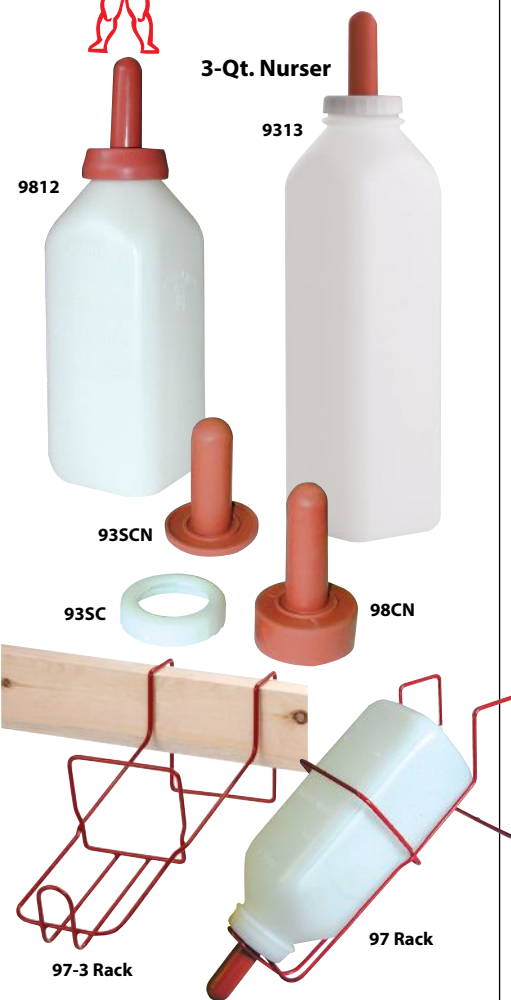
**995** MAX 3 Qt. Nurser with Snap-On Nipple. Wt. .6 lb.

**993** Repl. MAX Snap-On Nipple. Wt. 1.4 oz.

993



## LITTLE GIANT Nursing Bottles



3-Qt. Nurser

9313

9812

935CN

935C

98CN

97-3 Rack

97 Rack

Nursing Bottles are made of strong, durable polyethylene plastic. Snap-on or screw-on nipples are pliable and long lasting. Screw-on nipple has vacuum air vent. Mouth of bottle measures 2-1/4" OD.

**9312** 2 Qt. Nurser with Screw Cap & Nipple.

**9812** 2 Qt. Nurser with Snap-On Nipple.

**93CB** 2 Qt. Bottle only for screw-on nipples.

**98CB** 2 Qt. Bottle only for snap-on nipples.

**9313** 3 Qt. Nurser with Screw Cap & Nipple.

**9813** 3 Qt. Nurser with Snap-On Nipple.

**9313B** 3 Qt. Bottle only for screw-on nipples.

**9813B** 3 Qt. Bottle only for snap-on nipples.

**935CN** Repl. Screw-on Calf Nipple.

**935C** Repl. Screw-on Cap.

**98CN** Repl. Snap-On Calf Nipple.

**97** Bottle Rack for 2-Quart Nusers. Rubber-dipped, rust-proof, bright red.

**97-3** Bottle Rack for 3-Quart Nusers. Rounded corners for safety, rust-proof, bright red.

## Manna Pro 2 Qt. Nursing Bottles



0942059901

0942029906

Manna Pro calf nursing bottle is made of durable plastic for long-lasting performance and ease of cleaning and sanitizing. The bottle is designed for "heads up" feeding, the natural way. Bottle holds 2 quarts of milk replacer. Includes bottle and snap-on nipple.

**0942029906** Manna Pro Nurser for Calves.

**0942059901** Repl. Calf Nipple.

**915R** Wire Bottle Rack for two-quart nusers. Carton of 12 weighs 7 lbs.



## Nursing Bottle



Milk Bar Nursing Bottle features the exclusive Milk Bar slow-nursing nipple. Saliva contains enzymes for digestion and antibiotic properties for boosting calves' immunities and slow-nursing helps maximize saliva production. Calves have a strong sucking instinct and other nipples may provide too much milk too fast which can choke the calf and cause milk to enter the lungs or the wrong stomach where milk scours can result. Milk Bar™ Nursing Bottle includes a standard poly two-quart nursing bottle (98CB) with the MilkBar Snap-on Nipple (265-0005).

**265-9001** Two-Quart Nursing Bottle with Milk Bar Snap-On Nipple.

**265-9002** Two-Quart Nursing Bottle with Milk Bar Snap-On Nipple for colostrum feeding, yellow.



## Snap-On Nipples for Nursing Bottles



Designed to replicate nature, the Milk Bar Nipple provides milk at the proper rate to stimulate saliva production which is essential for nutrition and for the development of the calf's digestive system. Milk Bar Nipples fit our snap-on style nursing bottles or any bottle with top diameter of 2-1/2" to 2-5/8" (57 to 67cm). Nipples are available bulk or package of 2. Yellow nipple for colostrum is made of a softer rubber formulation.

**265-0005** Milk Bar Snap-On Nipple, black, bulk.

**265-0005-2** Milk Bar Snap-On Nipple, black, pkg. of 2.

**265-0006** Milk Bar Snap-On Nipple for colostrum feeding, yellow, bulk.

## Calf Jacket



Calf Jacket has an outer shell of tough, water-resistant, Cordura® nylon in navy and is insulated with Thinsulate™ for additional protection. For durability, the Calf Jacket is quilted which also keeps the insulation evenly dispersed and lofty for best efficiency. The Jacket keeps its shape and finish with repeated machine washings over its life expectancy of ten years. Adjustable leg straps and front closure allow snug comfortable fit for growing calves. Two Year Warranty.

**FA206** Quilted Calf Jacket, small (Jersey size).  
Wt. 1 lb.

**FA406** Quilted Calf Jacket, large (Holstein size).  
Wt. 1 lb.



## Coburn® Warm-Up Jackets

- Quick release buckles enable complete removal of straps from jacket for cleaning
- Adjustable straps for perfect fit
- Double stitched edges and no belly strap provide better comfort and less skin irritation
- Contoured for best fit and cleanliness
- No-Velcro design keeps jacket cleaner longer
- 2 year warranty

**R2801-SL**



**R2801-BK**

Coburn's tough weather-resistant warm-up jackets have a Cordura® outer shell and quilted 3M Thinsulate™ lining which traps and holds heat while allowing moisture to escape for warm, dry and healthy calves. The jacket's design is form-fitting to allow for easy movement and better heat retention. Materials are intended for commercial washing and drying.

Available in sizes small and large for a perfect fit.

**R2801-SL** Small Calf Warm-Up Jacket, Jersey size, silver.

**R2801-BK** Large Calf Warm-Up Jacket, Holstein size, black.



## Reusable Bag Calf Feeders

Calf Care



**CF85**

**CF84**  
For Jerseys

Vinyl Zipper Bag Calf Feeder has 48" long tube with shut-off and 16" rigid probe with soft rounded tip. Reusable bag has capacity markings in quarts and liters. Bag has large comfortable handle, and capacity of 2.5 liters/ 2 qts.

**CF85** Oral Calf Feeder, bagged.

**CF84** Oral Calf Feeder with smaller probe tip, suitable for Jersey calves, bagged.

## Practice the ABC's FOR COLOSTRUM, DRENCHING AND ELECTROLYTE THERAPY

Our esophageal tube feeders help give calves a head start. All calves but especially high risk or difficult births should be "tubed" to make sure they get adequate colostrum right after birth. Use these feeders to practice the ABC's of colostrum feeding:

**A** As soon as possible after birth **B** Best quality available **C** Chug a full gallon

## Speedy Drencher



Speedy Drencher bottle features large integral finger grip, wide top for easy filling, wide stable base, and flow control dial. Probe design is well-proven for safety and ease of use.

**211180** Speedy Drencher with Probe and 2.5 liter bottle. Wt. .85 lbs.

**213734** Large Speedy Drencher with Probe and 4 liter bottle. Wt. 1 lb.

**211178** Repl. Cap & Probe Assembly

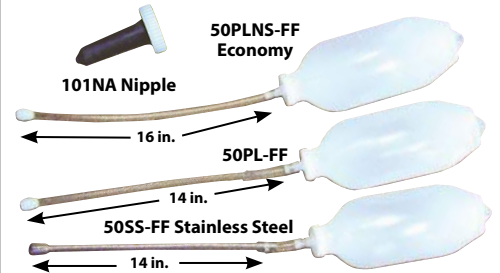
## Adapt-a-Bottle Fluid Feeder



Adapt-a-Bottle Calf Fluid Feeder comes complete with a standard 2-quart calf nursing bottle (same as Coburn 913B), cap, large diameter tubing, and rigid probe with tapered bulb for safety and ease of insertion. A flutter valve in the head helps to equalize bottle pressure which improves flow and calf acceptance. A ratchet clamp is provided to shut-off flow as needed and a support tube at the bottle exit port helps prevent kinking of the tubing.

**05250** Adapt-a-Bottle Fluid Feeder. Wt. 1 lb.

## Magrath Fluid Feeders



Innovative Magrath Fluidfeeders permit one-hand administration of colostrum and life-saving fluids to newborn calves. Probe crimps at the neck to stop flow while user inserts the esophageal tube which is designed to prevent accidental insertion into the trachea. The semi-flexible bottle is then turned upright and fluids flow into the calf. Choose stainless steel or plastic probe. Bottle capacity is 2 quarts.

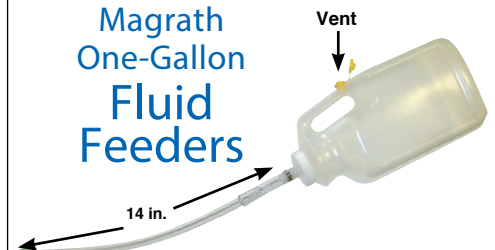
**50PLNS-FF** Economy Fluidfeeder with Plastic Probe.

**50PL-FF** Fluidfeeder with Smooth Plastic Probe and reinforced neck.

**50SS-FF** Fluidfeeder with S.S. Probe and reinforced neck.

**101NA** Nipple fits 101RT Solution Container for a handy nurser. Design discourages gulping.

## Magrath One-Gallon Fluid Feeders



This Calf Fluid Feeder features a vented plastic bottle and choice of plastic or stainless steel probes which have reinforced necks. One gallon capacity.

**50PLGL-FF** Fluid Feeder with Plastic Probe.

**50SSGL-FF** Fluid Feeder with S. S. probe.

**50GL-VT** Replacement Vent Cap



# RHINEHART Electric Dehorners



Dehorners feature automatic control for correct, steady heat. They are fast and easy to use and have enough heat for a safe and efficient dehorning job with no loss of blood or open wound. 96" Power cord with ground fault switch. Small tip available separately. Boxed with instructions.

**X30** Dehorner with 7/8" OD Tip. For goats or very young calves. 200 watts, copper tip, 900°F operating temperature. Wt. 1.5 lbs.

**X40** Dehorner with 1-1/2" OD (standard size) Tip. 165 watt bronze alloy element, 900°F operating temperature, suitable for cattle. Wt. 1.75 lbs.

**715-0001** Heavy Duty Dehorner with 1-1/2" OD (standard size) Tip and Solder Tip (formerly X50.) Automatic thermostat control, Dehorn/Solder switch, 239 watt bronze alloy element, 1000°F+ operating temperature, quick recovery, suitable for commercial use. CSA-Approved. Wt. 2 lbs.

**715-0002** Same as above without Solder Tip and solder features (formerly X50A). CSA-Approved. Wt. 2 lbs.

**2860** Small Dehorning Tip for goats or very small calves. 1/2" ID, 13/16" OD. Fits X40, 715-0001 and 715-0002. Slide clip included.

**2865** Same as above with 3/8" ID, 1-3/16" OD

**2870** Same as above with 1/4" ID, 1-3/16" OD

**2875** Dehorning Tip for buck goats. Tear-drop shape gives a more accurate, even burn around the base of goats' backward-curving horn buds. Tip fits X40, 715-0001 and 715-0002 Dehorners. Slide Clip included, 11/16" ID.



## EXPRESS Pistol Grip Dehorner

**14020 Reversible Tip**

The Express Pistol Grip Dehorner is designed for easy handling, quick trigger ignition, fast heating, and easy maintenance. The Dehorner features a high power fuel mix cartridge which installs into the handle eliminating cords and bulky tanks. The Dehorner reaches working temperature in about 70 seconds and will operate for approximately 2 hours at up to 1100°F. Weighs 1.3 lbs. including cartridge, the unit is lightweight and comfortable yet designed with quality materials for durability and long life. Routine maintenance such as replacement of tip, gas nozzle or ignition, can all be done by the end user.

**144** Express Pistol Grip Dehorner complete with reversible brass .67" to .8" tip, 2 fuel cartridges, detailed multi-lingual instructions and carrying case. Packed in a shippable carton with four-color label. Ship wt. 4 lbs.

**445** High Power Fuel Cartridge (may be used with model 134.)

**14020** Reversible Tip (.67" to .8")

**14015** Goat Tip (.6")

**14701** Trigger & Piezo Igniter



**134**

The 134 Express Dehorner is portable, easy to handle, safe, fast and efficient. The compact, ergonomically-designed Express Dehorner is fueled by a butane/propane mix in a handy cartridge that fits into the handle, so no cords or bulky propane tanks are required. The unit features automatic piezo ignition and a totally enclosed combustion chamber for safety. Unit can heat to working temperature in 3 minutes, and will reach temperatures up to 1100 F. One fuel cartridge provides enough dehorning power for 2 to 5 hours depending on outside temperature. Constructed for heavy use, the Express will dehorn calves up to 10 weeks of age, yet weighs only 2 lbs. The unit may also be used for cauterizing, such as after tail docking.

**134** Express Portable Dehorner complete with 2 fuel cartridges, a 3/4" tip, detailed instructions and carrying case.

**445** Fuel Cartridge (may be used with model 144.)

**11115** Tip only, 15mm (.625") small, for goats.

**11120** Tip only, 20mm (.75") standard size.

**11125** Tip only, 25mm (1") for larger animals.

**11532** Repl. Gas Nozzle

# EXPRESS Propane-Powered Dehorner



**114-005**



**114-015**

The economical, well-designed, propane-powered Express Dehorner heats up to working temperature of 1100°F/595°C in about 70 seconds. Dehorner is lightweight, less than 1 lb. for the unit itself, and features a built-in hook for hanging and a storage slot in the handle for the hex key. Dehorner has a reversible brass .67" to .8" tip and includes hose with fittings for propane supply as indicated. Unit comes complete with hose, regulator, flint striker and storage box.

**114-005** Standard Express Dehorner with 5 ft. hose to fit 14 oz. propane cylinder (not included). Complete unit weighs 2.4 lbs.

**114-015** Standard Express Dehorner with 15 ft. hose to fit standard size propane tank (not included). Complete unit weighs 3.2 lbs.

**114-505** 5 ft. replacement Hose for 114-005

**114-515** 15 ft. replacement hose for 114-015

**114-905** Regulator for 14 oz. Propane Cylinder

**114-914** 30 PSI Fixed Regulator with POL Fitting

**14020** Repl. Brass Tip reversible .67" to .8"

**14015** Optional Goat Tip .6"

Calf Care



## Crown-style Aluminum Weaners



Simple construction and practical design - Crown-style Weaner is made of aluminum and stainless steel and is rust and corrosion proof. Light, strong, effective. Carded.

- 60104 Calf Size Weaner.
- 60105 Cow Size Weaner.

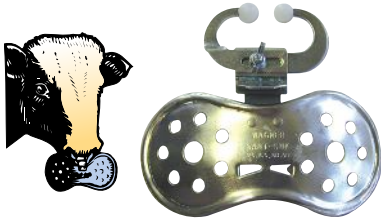
## Cow/Calf Weaner



Each nose plate comes with two "U" shaped corrosion proof rods, small for calves and larger for cattle. Push the rod through animal's nose like a self-piercing bull ring. Bagged with instructions.

- 3W0 Coburn Cow/Calf Weaner.

## Kant Suk Weaners



Animal can eat and drink freely, but cannot suck. No sharp prongs. Nose piece has plastic balls; will not work loose or irritate. Wing nut adjustment. Zinc plated. Packed 12 per box weighing 6 lbs.

- 10550 Calf Size Weaner.
- 10555 Yearling Size Weaner.
- 10560 Cow Size Weaner.

## Barnes-Type Dehorners



CP3043



CP3044

CP3042

Popular Barnes type dehorners have cupped cutting edge of high-tempered stainless steel.

- CP3043 Calf Size Dehorner. Hardwood handles. Length 13". Wt. 1.5 lbs.
- CP3042 Calf Size Dehorner. Nickel-plated carbon steel handles with rubber grips. Length 13". Wt. 1.5 lbs.
- CP3044 Large Size Heavy Dehorner for older calves. Nickel-plated carbon steel handles with rubber grips. Length 17". Wt. 4 lbs.

## Electric Dehorner



Cast Bronze Electric Dehorner with a 5/8" inner diameter is preferred by veterinarians for quickly dehorning of small calves, goats and sheep. Electric dehorning is safe and efficient, and avoids loss of blood and open flesh wounds. The dehorner operates on 110VAC.

- 247055 Cast Bronze Electric Dehorner, boxed. wt. 4 lbs.

## Electric Double Dehorner



3/4" & 1" Heads

One instrument can dehorn/debud calves from newborn up to 12 weeks old. Double Dehorner's solid brass heating element is very durable with excellent heat retaining properties. Cauterizing action reduces blood loss and helps prevent infection which can occur with mechanical dehorning. Inside diameters are 3/4" for newborn to 10 days and 1" for up to 12 weeks old. 110 Volts, 450 Watts, 9 ft. cord with 3-pronged plug.

- 24310 Double Head Dehorner. Wt. 3 lbs.

Calf Care



8704372

- 8704371 Calf-Size Dehorner. Curved steel handles with rubber grip. Overall length 13". Wt. 2 lbs.
- 8704372 Dehorner for older calves. Curved steel handles with rubber grip. Overall length 17". Wt. 2.7 lbs.

## Premium Nylon Weaners



822-6901



822-6902



822-6903

Quality Weaner is made of strong polyamide nylon and features a zinc-plated bolt and wingnut.

- 822-6901 Small (black), wt. 1.5 oz.
- 822-6902 Medium (green), wt. 1.55 oz.
- 822-6903 Large (white), wt. 2 oz.



Nylon Weaner

Anti-sucking device is made of tough durable nylon. This Weaner is easy to apply and the wingnut assures easy adjustment and good positioning. Wt. 2 oz.

- 269001 Nylon Calf Weaner with wingnut.



# Dynamint® Udder Treatment

**Organic Approved**



DM2000

DB2000

DB0500

POP-DYNAMINT

DM0030

DM0500

DH0500

DD0999  
Dispenser  
Nipple

DS0500

DS4000

## Dynamint Udder Cream®

- Containing peppermint and other essential oils
- Non-greasy formula is quickly absorbed
- Outstanding healing & stimulation - for humans too!
- Organic approved\*

\* Standards may vary. Check for local approval.

### Dynamint Udder Cream

Dynamint can be used as part of a massage program to help prevent udder edema, mastitis and infection. Many dairymen report massaging with Dynamint to be as good as an oxytocin injection for milk let-down. Others report fewer and milder cases of mastitis after massaging, thus reducing the need for antibiotics. Dynamint is now approved for organic use. Dynamint Blue contains a temporary blue coloring agent which makes it easy to see where it has been applied and which cows may need reapplication.

**DM2000** Dynamint Jug, 67 oz./ 2 ltr. (Pump sold separately)

**DB2000** Dynamint Blue Jug, 67 oz./ 2 ltr.

**DM0999** Dispenser Pump for 2 ltr. Dynamint

**DM0500** Dynamint 16.9 oz./ 500ml

**DB0500** Dynamint Blue 16.9 oz./ 500ml

**DM0030** Dynamint Pocket-size, 1 oz./ 30ml

**DH0500** Dynamint Hook Bottle, 16.9 oz./500ml

### Dynamint Display

The Dynamint Point-Of-Purchase Display is perfect for any store! The display holds one dozen Dynamint 500ml bottles and can be reused. (Dynamint sold separately).

**POP-DYNAMINT** Point of Purchase Display. Wt. 2 lbs.

Dynamint is a true water in oil emulsion which delivers the potent properties of essential oils through the skin and into the soft tissue. Dynamint contains powerful peppermint, tea tree, eucalyptus and calendula oils, known for their antibacterial and conditioning properties. Dynamint's unique formulation results in the quickest delivery of the blended essential and precious oils deep into soft tissue where they are needed.

The non-greasy water-based cream is smooth, light and applies quickly and easily. Dynamint cream was formulated to penetrate by osmosis and not simply to remain on top of the skin like competitive products.

Use Dynamint daily where you would other udder creams, confident in the knowledge that there is no better cream available.

### Dynamint Jumbo-Pack Dispenser Bag

Dynamint Jumbo-Pack is the economical, labor-saving pack for easy dispensing on large dairies and where Dynamint is used daily. A full 4-liter pack (135 oz.) is used with a reusable squeeze pump (purchased separately) which may be operated with one-hand. Heavyweight plastic bag is folded over at the top and fitted with a grommet for hanging.

**DM4000** Dynamint Jumbo-Pack, 4 ltr./135 oz. (Dispenser Nipple not incl.).

**DB4000** Dynamint Blue Jumbo-Pack, 4 ltr./135 oz. (Dispenser Nipple not included - order separately).

**DD0999** Reusable Dispenser Nipple for hanging pack.

### Dynamint Blue Spray

Dynamint Blue Udder Spray has the same properties as Dynamint Udder Cream but in sprayable form. Dynamint Spray saves labor especially on large dairies where it can be applied to many cows quickly and the blue coloring agent makes it easy to see which cows have been sprayed. A fine, light, non-greasy mist covers the skin thoroughly and osmosis carries the oils deep into tissue where they can go to work.

**DS0500** Dynamint Blue Udder Spray, 16.9 oz./ 500ml

**DS4000** Dynamint Blue Udder Spray refill, 4 liter.

**DS0999** Repl. Spray Head only.



# Animal Health Products



**226** Teat Dilators packed in Dr. Naylor's Udder Balm. Dilators stay in large or small teats and act to keep the end open to maintain free milk flow. Pkg. of 40.

**227** Udder Balm, antiseptic ointment for udder and teats in a formulation which stays in prolonged contact to relieve soreness, reduce congestion, soften udders and heal teats. 9 oz. tin.

**233** Udder Balm, 36 oz. tub.

**232** Red-Kote for fast healing of lacerations, cuts, burns, chafes, teat sores and other superficial animal wounds. Adheres, protects, soothes and softens – stimulates new skin growth. 5 oz. spray can.

**234** Red-Kote. 4 oz. dauber bottle.

**228** Blu-Kote, for effective treatment of Cowpox, ringworm, skin abrasions. Covers wound with quick-drying, penetrating coating to reduce pus formation, dry up secretions and control secondary infections. 5 oz. spray can.

**229** Blu-Kote. 4 oz. dauber bottle.

**230** Blu-Kote. 4 oz. pump spray bottle.

**235** Dehorning Paste. Chemical dehorning is a quick and economical method for debudding young animals, including calves and goats. One application over horn button is all that is required. No cutting – no bleeding. 4 oz. jar.

**238** Hoof 'n' Heel for hoof rot, foot rot and foot scald in sheep, goats, and dairy cattle. Hoof 'n' Heel penetrates deep into the hoof to attack infection quickly. Does not cause discoloration, hardening or shrinkage of tissue. Colorless, stainless, non-toxic, pleasant to use. 16 oz. squeeze bottle.



## Radix Dehorning Paste

Dehorning Paste may be used with calves up to 8 weeks of age but for minimum stress, use it before calf is 7 days of age. With no cutting or bleeding, chance of infection is virtually zero. For best results clip hair around bud and keep calf indoors and away from other animals for 12 hours.

**102-001** Radix Dehorning Paste, 6 oz. bottle.

## Dr. Larson's™ Dehorning Paste



Dr. Larson's Dehorning Paste eliminates blood, infections and trauma caused by dehorning saws and gouging dehorners. Inhibits horn growth before it starts. Comes in a mess free, easy to use tube. One tube can dehorn approximately 15 animals. Wt. .25 lbs.

**34200** Dr. Larson's Dehorning Paste, 1.6 oz. tube.

## Bag Balm



Popular Bag Balm antiseptic ointment has been used for over 90 years for fast healing of scrapes, injuries, chapping, windburn and sunburn. Apply liberally and allow a coating to remain on the surface. Massaging with Bag Balm helps relieve minor udder congestion. Active ingredient: 0.3% 8 Hydroxyquinoline Sulfate in a soothing petrolatum and lanolin base.

**10008** Bag Balm in 8 oz. tin.

**10072** Bag Balm in 4.5 lb. plastic pail.

**10001** Bag Balm Miniature. 1 oz. tin.

## KenAG Udder Cream



Water-soluble, non-greasy Udder Cream is readily absorbed into the skin. Softens and soothes chapped teats and helps protect skin against the harsh effects of weather and sanitizers. Contains glycerin, lanolin, and mineral oil.

**D805** Udder Cream, 14 oz. jar.

**D806** Udder Cream, 28 oz. jar.

**D807** Udder Cream, 4.5 lb. pail.

## Radix Calcium Chloride



Calcium Chloride is supplemental source of calcium, phosphorus, magnesium, and potassium for oral follow-up to milk fever therapy in cattle.

**100-002** Radix calcium Chloride, 12 oz. bottle.



## Cattle Pump System



3 Foot Flexible Probe

5 Foot Flexible Probe

Cattle Pump Systems enable one person to pump quantities of heavy viscosity material into the bovine stomach. It is especially useful for critical times when the animal requires a large amount very quickly.

The brass pump is chrome-plated and operates at 8 strokes per gallon. The oil-resistant hose is 6 ft. long with screw hose fittings. Handle has attached nose lead. Entire system is packed in a canvas carry bag with instructions.

The probe can be passed easily into the esophagus only, not into the lungs, and it has an inherent damming action which diminishes the chances of regurgitation. The probe takes advantage of the natural extended head and neck position of the cow which eases stress on the animal and facilitates swallowing.

**300-CPS** Cattle Pump System with 3 foot flexible probe, bagged, complete. For cows over 300 lbs. but less than full size. Wt. 10 lbs.

**500-CPS** Cattle Pump System with 5 foot flexible probe, bagged, complete. For full grown cows and bulls. Wt. 11 lbs.

### Replacement Parts

**300-CPSPR** Flexible probe only, 3 ft.

**500-CPSPR** Flexible probe only, 5 ft.

**320-PO** Pump Assembly incl. hose adapter

**366-0001** Cup/Plunger Seal

**366-0002** O-Ring for cup/plunger seal

**366-0003** Bottom Cap for pump

**366-0004** Hose with brass fittings

**366-0005** Nose Lead with cable

**366-0006** Red Rubber Top Cap with bushing

## Whiplash Oral Pump System



The Whiplash Stomach Pump System features a 60" flexible stainless steel Stomach Tube with polished bulb end having both end and side exit ports. The 60" length and large diameter permit complete entry into the rumen of full-size cows and bulls for fast high-volume fluid delivery. Nose clamp helps keep the tube in the proper position.

The Whiplash Stomach Tube may be added to other oral delivery pump systems or may be ordered complete with Pump and 6 ft. Rubber Hose. Durable Stainless Steel Pump delivers 1 liter of fluid with only three strokes.

**76004** Whiplash Pump System complete with S.S. Pump, 6 ft. Rubber Hose, and 60" Flexible S.S. Stomach Tube. Wt. 11 lbs.

**76051** Whiplash 60" Flexible S.S. Stomach Tube. Wt. 7.5 lbs.

**76805** Repl. Pump Piston

## Cattle Trocar



Trocar is used to relieve bloating. Cannula remains when trocar is removed to allow gas to escape. Overall length 8". Protective cover included.

**CP800** Cattle Trocar

**CP800X** Extra Cannula, 3-7/8"

## Bovine Speculum



### for Bloat or Drenching

Designed for passing a tube into cattle to relieve gas or to medicate orally. A safety locking feature holds speculum in the animal's mouth as tube slips easily down the throat. A 10 ft. by 1" hose is included.

**1001B5** Speculum. Wt. 2.5 lbs.

## Frick Speculum Tube



**26036** Heavy Duty Chrome-Plated Speculum Tube holds mouth and throat open to insert a stomach tube. 20" long, 1-1/4" diameter.

## Stomach Pump and Stomach Tubes



WIMCO

Veterinary injection pump features continuous flow pumping on both the up and down stroke and delivers 4 oz. per stroke. By attaching the stomach tube to the bottom nipple, it can be used with a stomach tube for drawing fluid from the stomach or for relieving bloat. Made of seamless, chrome-plated heavy brass tubing with leather packing.

**26845** Stomach Pump.

**26006** Stomach Tube, 10' long, 3/4"OD X 1/2"ID.

**26007** Stomach Tube, 10' long, 5/8"OD X 3/8"ID.

## Easy Drencher

DBEDX

213701



Safe and convenient Easy Drencher administers life-saving fluids to cattle and other large animals. The easy-grip handle makes it easy to use even with struggling animals. Mix dry or liquid concentrates right in the bottle which has a wide neck opening and is marked with 100ml graduations. The 5 inch soft plastic dispenser probe should be inserted in the side of the mouth to encourage and enable swallowing. As with all drenchers, care must be taken to allow the animal to adequately swallow during drenching.

**DBEDX** Easy Drencher with 1.2 quart molded bottle and dispenser spout. Wt. .5 lbs.

**202227** Repl. Probe Cap only for Easy Drencher

**213701** Big Drencher with 2.5 quart molded bottle and dispenser spout. Wt. 1 lb.

**213672** Repl. Probe Cap only for Big Drencher

## Back Pack Automatic Drencher/Injector



Automatic adjustable Drencher/Injector Kit is built with precise standards and top-grade materials to give the user quality at an economical price. Suitable for most drenches and solutions, it includes a Luer lock adapter (needles not included) for conversion into an automatic injector. The unbreakable graduated and transparent dosage barrel refills automatically from the 3-liter plastic back pack container. Gun units feature comfortable aluminum alloy gloss enamel handle and lever, adjustable dripless stainless steel nozzle, and transparent polycarb barrel marked with graduations. Newly redesigned springless valves located in plunger do not require disassembly for cleaning.

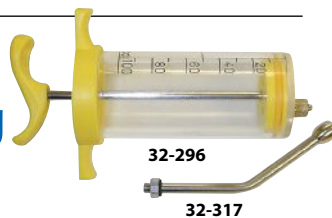
**HA000BP** Back Pack Drencher, adjustable for 5ml to 50ml. Wt. 2 lbs.

**HB590** Repair Kit for HA000BP Drencher.

**HA001BP** Back Pack Drencher, adjustable for 2.5ml to 20ml. Wt. 2 lbs.

**HC840** Repair Kit for HA001BP Drencher.

## COMBINATION NYLON Syringe/Feeding Tube



32-296

32-317

The nylon barrel on this syringe is transparent, virtually unbreakable, sterilizable and features permanent, laser-etched gradation markings. Heavy chrome-plated brass plunger rod is attached to a stainless steel nut embedded in the yellow plastic palm-rest. Luer lock needle holder tip is securely screwed to a stainless steel plate at the barrel tip. Attach the optional Feeding Tube for inserting medications into the throat. Needles not included.

**32-296** 100cc Nylon Syringe.

**00-322** Replacement O-Ring for Syringe.

**32-317** Optional Feeding Nozzle Attachment.

## Dr. Register's 300cc Drench Gun



Dr. Register's Drench Gun has a comfortable contoured grip which reduces fatigue. Made of durable high-impact materials, the gun features a Teflon O-ring, long-wearing nylon nozzle and adjustable metering limiter. No lubrication is necessary. Gun is filled with two hands and operated with one hand. Not suitable for use with very viscous liquids. Bagged with instructions. Wt. 1 lb.

**522000** Dr. Register's 300cc Drench Gun

**522010** Repl. Nylon Nozzle

**522020** Repl. Cylinder

**522030** Repl. Teflon Scraper Seal

## 200cc Drench Gun



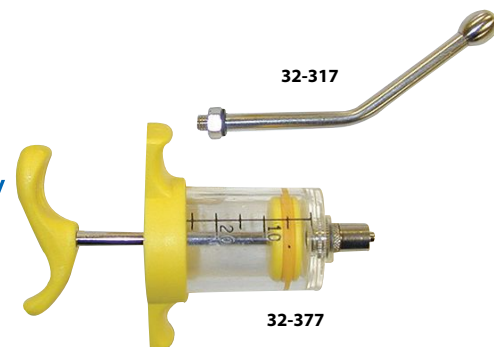
This Drench Gun has a capacity of 200cc and may be calibrated with a simple screw adjustment. Handle is made of strong ABS and the acetate barrel is chemical-resistant. This is a self-contained Drench Gun which does not connect to a hose or container.

**HA006** 200cc Drench Gun with Nozzle. Wt. 1 lb.

**HA006B** Replacement Nozzle.

## COMBINATION NYLON

## "Stubby" Syringe / Feeding Tube



32-317

32-377

The "Stubby" Syringe is especially designed for women and workers with small hands. The syringe has a shorter and broader barrel and a shorter plunger which adds comfort and reduces fatigue.

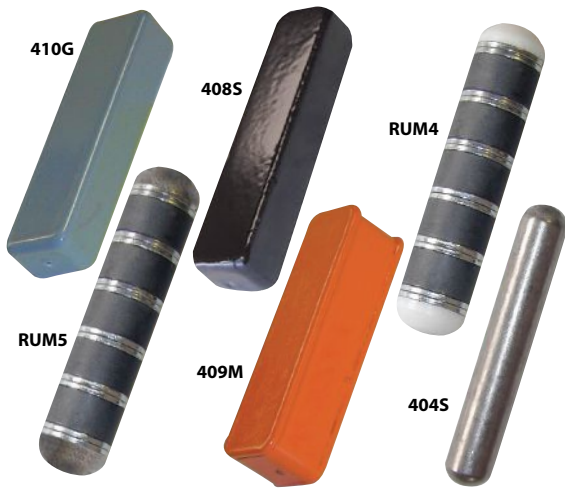
The nylon barrel is transparent, virtually unbreakable, sterilizable and features permanent, laser-etched gradation markings. Heavy chrome-plated brass plunger rod is attached to a stainless steel nut embedded in the yellow plastic palm-rest. Luer lock needle holder tip is securely screwed to a stainless steel plate at the barrel tip. Attach the optional Feeding Tube for inserting medications into the throat. Needles not included.

**32-377** 20cc "Stubby" Nylon Syringe.

**32-317** Optional Feeding Nozzle Attachment.

**00-379** Repl. O-ring for 20cc Syringe.





# Cow Magnets

## PREVENT HARDWARE DISEASE

While grazing and feeding, cows take in everything including nails, staples and bits of baling wire which can irritate, puncture and infect stomach tissue. Called "Hardware Disease," it's on the rise due to the increase of mechanically-processed feed. But studies have shown that 99% of cattle given magnets never get hardware disease.

Cow magnets roll around picking up stray metal from the folds and crevices of the stomach thus preventing irritation. Oblong shape is easily inserted with a balling gun and attracts and aligns long particles better.

### Free Magnet Display!

With purchase of 48 Blister-Packs, mix 'n' match Magnet styles.  
**722D** Free Display. Holds 48 pkgs.



**410G** "GreyMAX" Magnet has rounded edges and grey nylon coating which completely encapsulates the magnet. Magnet is 2-3/4" x 3/4" x 1/2". For insertion, use CP0100 or Wimco 29357. Box of 12 weighs 2.25 lbs.

**408S** "BlackMAX" Magnet has rounded edges and, like the GreyMAX, the nylon coating allows hardware to shift with stomach action yet stay attached. Coating encapsulates the magnet. Magnet is 2-9/16" x 5/8" x 1/2". For inserting magnet, use CP0100. Box of 12 weighs 1.75 lbs.

**408S-3** Clam Shell pack of 3 "BlackMAX" Magnets. Carton of 4 packs weighs 1.95 lbs.

**RUM4** Heavy Duty Cow Magnet has five alternating North/South poles for powerful contact strength. Metal connecting core, white plastic ends. 3-1/4" long x 3/4" diameter. For inserting magnet, use the CP0100 Balling Gun. Box of 12 weighs 3 lbs.

**RUM5** Heavy Duty Cow Magnet same as above except with non-magnetic metal ends instead of white plastic. 3-3/8" long x 3/4" diameter. For insertion, use CP0100. Box of 12 weighs 3.25 lbs.

**RUM5-3** Clam Shell pack of 3 RUM5 Heavy Duty Cow Magnets. Carton of 4 packs weighs 3.4 lbs.

**409M** Nylon-coated Orange "PowerPlate" Magnet has metal plates which intensify magnet strength. The nylon coating completely encapsulates magnet. Magnet is 2-9/16" X 11/16" X 5/8". For insertion, use BG3. Box of 12 weighs 2.75 lbs.

**404S** Round Stainless Steel Magnet. Made of stainless steel, nickel and aluminum and polished to a smooth finish, each magnet measures 3" long X 1/2". For insertion, use CP0100. 12 weigh 1.75 lbs.

**404S-3** Clam Shell pack of 3 Stainless Steel Magnets. Carton of 4 packs weighs 1.95 lbs.

## Cage-Type Magnet & Introducer



**142030** Cage-Type Magnet is recommended by veterinarians worldwide because the grooves in the plastic cage provide extra protection from sharp uneven pieces of metal. Magnet is 1-5/16" x 4". Sold in box of 12.

**142031** Plastic Introducer for Cage-Type Magnet.

## MULTIPLE DOSE Balling Gun



The safe, easy way to administer medication to cattle of all sizes, eliminating coughing and spitting out. Made of industrial-quality aluminum that holds up to rugged use and resists sharp edges that can cut and cause infections. Rounded leading edge allows easy insertion. Can administer up to five 1-pound boluses at one time. 21.5"L x 2.25"W x 2.25"H.

**366-0480** Aluminum Multiple Dose Balling Gun.

## Balling Guns for Bolus Treatment and Stomach Magnets



**24327**  
Multiple Dose Gun

Single Dose Guns

### MULTIPLE DOSE

Heavy duty brass, plated with copper, nickel and chrome. Barrel end especially curved in to eliminate sharp edges in animal's mouth. Barrel length is 17.5". Easily disassembled for fast, thorough flush cleaning. Designed to hold boluses up to 480 gram. Will not readily become jagged as does aluminum.

The barrel stop can be adjusted to control number of boluses given to prevent accidentally administering more than desired.

**24327** Multiple Dose Balling Gun.

### SINGLE DOSE BALLING GUNS

This balling gun features heavily chrome-plated metal to resist corrosion for long trouble-free service. Heads are reinforced for extra strength. Includes bolus spring clips.

- CP0716** Balling Gun with 7/16" head. Overall length 18".
- CP0120** Balling Gun with 1/2" head. Overall length 18".
- CP0580** Balling Gun with 5/8" head. Overall length 18".
- CP0100** Balling Gun with 1" head. Overall length 18".

## FLEXIBLE, PLASTIC Balling Guns



**BG1**

**BG3**

Economical plastic balling guns are designed for easy, effective use with all animals.

**BG1** Blue Plastic Balling Gun for goats, lambs, and very young animals. Maximum bolus size .475", 13-1/2" long.

**BG3** Red Plastic Balling Gun for cows. Maximum bolus size .967", 16-3/4" long.

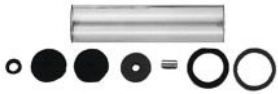


## MEGASHOT Syringe



MegaShot pistol-grip syringe repetitively injects doses of 1 to 5 cc quickly and easily without sacrificing accuracy, as its rear dosage dial locks securely to ensure a precise dose. The frame and plunger disassemble easily for cleaning and sterilization. MegaShot features a rubber plunger and virtually indestructible barrel.

**AA015** 50cc MegaShot Syringe. Wt. 1.3 lbs.



**AA016** Replacement Barrel Kit f/50cc MegaShot Syringe.

## Hypodermic Needles



Manufactured from the finest quality stainless steel tube, deburred, buffed and ultra-sonically cleaned. Available in 4 different gauges and 5 lengths. One dozen needles per box.

Length	14 Ga.	16 Ga.	18 Ga.	20 Ga.
1/2"	<b>32-140</b>	<b>32-160</b>	<b>32-180</b>	<b>32-200</b>
3/4"	<b>32-141</b>	<b>32-161</b>	<b>32-181</b>	<b>32-201</b>
1"	<b>32-142</b>	<b>32-162</b>	<b>32-182</b>	<b>32-202</b>
1-1/4"	<b>32-143</b>	<b>32-163</b>	<b>32-183</b>	<b>32-203</b>
1-1/2"	<b>32-144</b>	<b>32-164</b>	<b>32-184</b>	<b>32-204</b>

Animal Health



## Easy-Dial Repeater Syringe

Our Repeater Syringe has been totally redesigned for durability and with a minimum of parts. One-piece shatter-resistant polypropylene barrel has integral luer lock and nickel-plated bronze frame. Full-size aluminum grip features a special design with correct insertion angle for efficiency, accuracy and reduced hand strain. One-piece plunger is pre-set at the factory for precision fit, so there's no need to make adjustments in the field. Dosage, from 1 to 5cc, is selected with the non-slip dial.

**AA014** 50cc Repeater Syringe with luer lock tip. Wt. 1.25 lbs.

## BOVIVET Plexi-Syringe



Unbreakable, high-quality plastic syringe features metal luer-lock nozzle. Spare silicone O-Ring included. One syringe per box. Order needles separately.

Size	Stock No.	Repl. Washer & O-Ring
Syringe, 10ml	<b>112280</b>	<b>112291</b>
Syringe, 20ml	<b>112285</b>	<b>112292</b>
Syringe, 30ml	<b>112286</b>	<b>112298</b>
Syringe, 50ml	<b>112290</b>	<b>112293</b>

## Intravenous Set



Simple, inexpensive Intravenous Set comes complete with 4 ft. of latex rubber tubing, flow control, slip adapter and 1.5" 14 gauge needle. Latex rubber funnel fits over the neck of the bottle of IV solution.

**27067** Intravenous Set.

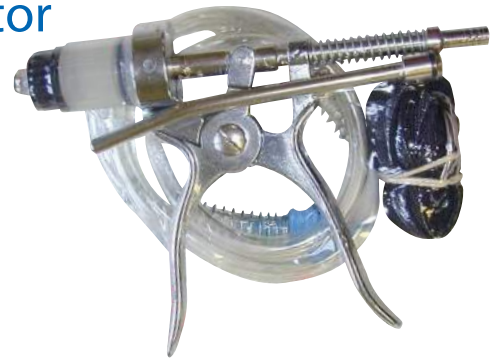
## Automatic Vaccinator

Treat livestock continuously with self-refilling automatic vaccinator. You won't believe the reasonable price on a vaccinator of this quality.

Designed for mass treatment of livestock, the dosage can be easily graduated in any intermediate setting by means of a screw and lock-nut.

Handle and lever are chrome-plated brass. The transparent graduated polycarb barrel is virtually unbreakable. Luer-lock needle holder. Sturdy hose allows automatic refill from vaccine vial by means of a specially designed punching needle. Adjustable from 1-10ml.

**IA000** 10ml Automatic Vaccinator. Wt. 1.5 lbs.



## CATHETER TIP Disposable Syringe

Plastic catheter-tip syringe has a capacity of 60cc. It is perfect for use with the 451414 feeding tube for emergency treatment of weak, chilled or premature lambs and kids.

**2363-001** 60cc Catheter-Tip Disposable Syringe, 5cc/1/4 oz. graduations. Sold each or box of 20.

**451414** Feeding Tube for Lambs/Kids. (pg 103)



**451414** Feeding Tube sold separately

## Disposable Syringes

### Ideal STERILE SYRINGES

Sterile Ideal luer lock syringes feature polypropylene barrel with permanent heat-etched graduation markings and leakproof rubber plunger tip. The ultra-sharp uniformly-lubricated needles are available with aluminum or polypropylene hub to fit tightly on the syringe. Syringes are packed in individual rigid autoclavable hard pack with tamperproof heat seal.

#### Syringes with Needles

**2363-002** 3cc Syringe with 20 ga. 1" needle, poly-propylene hub, box of 100.

**2363-003** 12cc Syringe with 18 ga. 1" needle, poly-propylene hub, box of 80.

#### Syringes without Needles

**2363-004** 3cc Syringe, 1cc graduations, box of 100.

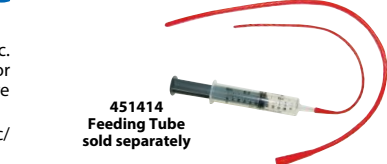
**2363-005** 6cc Syringe, 2cc graduations, box of 50.

**2363-006** 12cc Syringe, 2cc graduations, box of 80.

**2363-007** 20cc Syringe, 1cc graduations, box of 50.

**2363-008** 35cc Syringe, 1cc/1/4 oz. grad., box of 30.

**2363-009** 60cc Syringe, 5cc/1/4 oz. grad., box of 20.



**Needles Only - Aluminum Hub**  
100 Needles per Box Sterile Tri-beveled

**2363-012** 14 ga. Needles, 1" long.

**2363-013** 14 ga. Needles, 1.5" long.

**2363-022** 16 ga. Needles, .75" long.

**2363-010** 16 ga. Needles, 1" long.

**2363-011** 16 ga. Needles, 1.5" long.

**2363-014** 18 ga. Needles, 1.5" long.

**Needles Only - Polypropylene Hub**  
100 Needles per Box Sterile Tri-beveled

**2363-019** 18 ga. Needles, 1" long.

**2363-021** 18 ga. Needles, 1.5" long.

**2363-015** 20 ga. Needles, 1" long.

**2363-017** 20 ga. Needles, 1.5" long.



## Teat Slitter



**23822** Teat Slitter, 7" long, equipped with set screw and spring. 3-ring pusher, twin blade.

## HUG'S Tumor Extractor



**32-460** Chrome-plated Hug's Tumor Extractor, with stainless steel rod, designed for removing fibrous tumors from canal. Length 8".

## Halsted Forceps



**J70-5** Halsted Straight Mosquito Forceps, Stainless Steel, 5" long.

## Disposable Scalpels

Precision-made, sterile, disposable scalpels. One box of 10 - one size per box.

**32-280** Small rounded blade, #10.

**32-282** Blade with hook, #12.

**32-285** Large rounded blade, #21.



**32-280**

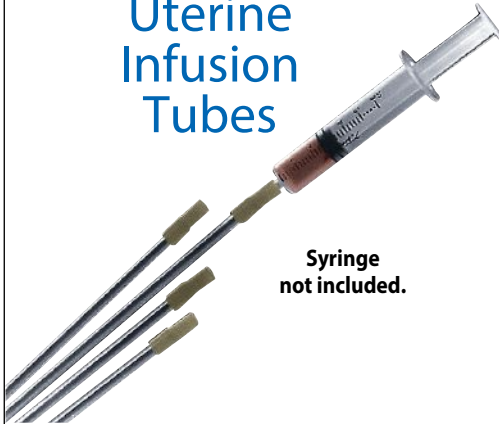


**32-282**



**32-285**

## Standard Uterine Infusion Tubes



Syringe not included.

Uterine Infusion Tubes are made of PVC and have smooth round polished ends. They are designed for use with many of the common uterine solutions. Adapter included for attaching to a luer tip syringe. Tubes are 21" long and are .110" ID by .196" OD. Packed 25 in a poly bag. Non-sterile.

**B8-5225** PVC Uterine Infusion Tubes, Bag of 25.

## Drilled Uterine Infusion Tubes



Syringe not included.

Made of quality PVC, Drilled Uterine Infusion Tubes have rounded polished ends. Tapered end is drilled to allow quick coupling with any Luer tip syringe. No adapter required.

**B8-5130** 18" Drilled Infusion Tube, bag of 25.

**B8-5230** 21" Drilled Infusion Tube, bag of 25.

## Dr. Larson's™ Teat Tubes



Dr. Larson's™ Teat Tubes stay in place even in badly injured teats because of the flexible non-irritating fingers. Tube stays in place until healing is complete. Screw-on cap removes for medicating or milking. Sterilized package of three tubes.

**02528** Dr. Larson's™ Teat Tubes.

## KEN-AG Teat Dilators



Dilators help keep an injured teat open and protected during healing. Smooth white plastic individually packaged dilators are guaranteed sterile and will fit all sizes of teat canal. Dilators are packed in a plastic strip and boxed.

**D841** KenAG Dilators, box of 25.

## Milk Tubes



Stainless steel self-retaining, Naylor Milk Tubes readily adapt to long or short teats. 3.5" overall length.

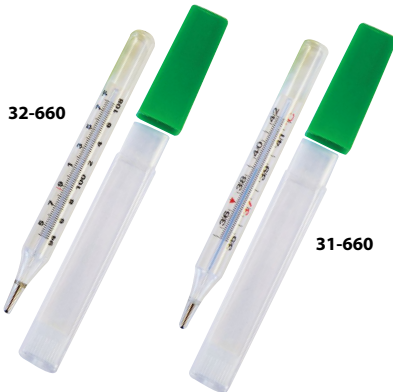
**224AT** Adjustable Milk Tubes, pkg. of 3.

## Digital Thermometers



Digital Veterinary Thermometer is accurate to +/- 1 and will register temperature in 8 to 15 seconds. Quality and durability meet military specs and unit carries a two-year warranty. Readout features Celsius/Fahrenheit switch, peak temperature mode, battery level indicator and fast-trickle charge. Package is complete with readout unit, charger, 4" long right angle probe and instruction manual.  
**M-700** Digital Thermometer Package. Wt. 2.25 lbs.  
**M207R** Replacement Right Angle Probe, 4" long.  
**M207S** Optional Straight Probe, 4" long.  
**C725** Replacement Charger for Digital Thermometer Readout Unit, 100-240V, 50/60 Hz.

## Mercury-Free Thermometers



Products containing mercury can no longer be shipped by airfreight and are banned entirely in some states including Minnesota. Mercury-free Veterinary Thermometers have large numbers and an easy-to-read scale. Overall length is 5-7/8". Packed in a clear plastic carrying case.

**32-660** Mercury-Free Thermometer, Fahrenheit  
**31-660** Mercury-Free Thermometer, Celsius

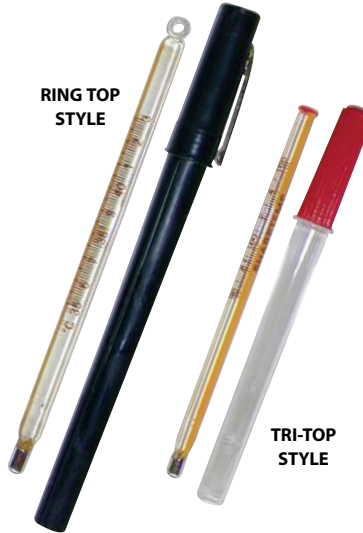
## DIGITAL VETERINARY Thermometer



Digital Vet Thermometer takes only 60 seconds to register a reading. Ranges from 89.6°F-106°F (32°C-41.9°C). Only 5" inches long, the Thermometer comes in its own clear hard plastic case and features last temperature readout, low battery indicator and automatic shutoff. Wt. 3 oz.

**32-681** Veterinary Thermometer, fahrenheit.  
**32-681C** Veterinary Thermometer, celsius.

## Veterinary Thermometers



Ring Top Thermometers for large animals feature gold backing and large numbers for easy reading. A handy normal animal temperature chart is on the back. A tie is attached to the large glass ring-top for added security. Available in fahrenheit, celsius or dual scales and choice of 5" or 4" length. Plastic case with clip included.

The small animal Tri-Top Thermometer is a quality 4" bulb rectal thermometer with a triangular shape for easy insertion and removal. Plastic case included. Fahrenheit scale.

**32-671F** 5" Ring Top, fahrenheit scale.  
**32-671C** 5" Ring Top, celsius scale.  
**32-671DS** 5" Ring top, dual scale.  
**32-675F** 4" Ring Top, fahrenheit scale.  
**32-679F** 4" Tri-Top, fahrenheit scale.

## DIGITAL VETERINARY / LABORATORY Thermometer



Fast and accurate, Digital Vet Thermometer provides instant conversion between centigrade and fahrenheit. Pocket-size instrument has water-resistant probe, auto calibration and temperature range from -40°F to 311°F (-40°C to 155°C). It is also suitable for laboratory use.

**11062** Digital Veterinary Thermometer.

## Special Scissors



**CP0862** Universal Scissors. Stainless Steel blades, one serrated, plastic handle. Cuts tin, light metal, wire, bandages. Bagged.

**32-463** Lister Stainless Steel Bandage Scissors, 5.5" long. Bagged.

**32-431** Stainless Steel Straight Operating Scissors, 5.5" long. Blades blunt/blunt.

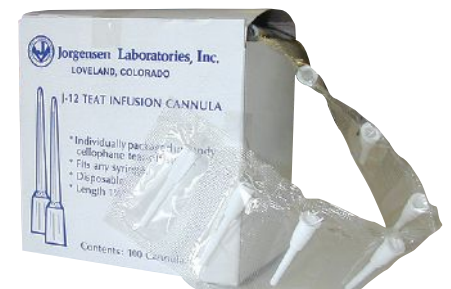
## Teat Bandage



Most bandaging material is just not the right size or fabric for protecting the teat during the healing process. Our teat bandage is made of cohesive polyester which molds to the shape of the teat and really stays on for maximum protection from dirt, moisture and reinjury. 2-1/2" material comes in a 5 yd. roll for cutting to the proper size.

**J14TB** Teat Bandage Material, 5 yd. roll.

## INDIVIDUALLY PACKED Cannulas



**J12** Plastic Teat Infusion Cannulas, 1-1/3" long, individually packed on cellophane strip, fit any syringe. 100 per strip.



## Technovit Hoof Block Kits



Technovit Hoof Treatment Systems speeds healing of foot injuries by taking pressure off the wounded hoof. A strong acrylic bonding material forms when Technovit powder and liquid are combined and this acrylic is used to affix a wood or plastic block to the hoof opposite the affected hoof. The acrylic sets up quickly to a hard durable substance.

Technovit acrylic may be used without blocks for quarter cracks in horses, or hoof defects in any hoofed animals.

Choose Kits with either 1" wooden or 3/4" black hard plastic blocks which work on either right or left hooves. Kits come with blocks, 480cc of liquid, 1000g of powder, mixing cups and stirring sticks.

**J61T12** Complete Technovit Kit with 12 plastic blocks, powder & liquid. Wt. 6.9 lbs.

**J61T12H** Complete Technovit Kit with 12 wood blocks, powder & liquid. Wt. 5.4 lbs.

**J61LB** Regular Liquid only, 480cc. Wt. 1.2 lbs.

**J61PA** Technovit Powder only, 500g. Wt. 1.3 lbs

**J61PB** Technovit Powder only, 1000g Wt. 2.4 lbs.

## Hoof 'n' Heel

Hoof 'n' Heel for hoof rot, foot rot and foot scald in sheep, goats, and dairy cattle. Hoof 'n' Heel penetrates deep into the hoof to attack infection quickly. Does not cause discoloration, hardening or shrinkage of tissue. Colorless, stainless, non-toxic, pleasant to use.

**238** Hoof 'n' Heel 16 oz. squeeze bottle.



## Vet Rope

**NON-BURNING,  
NON-BRUISEING  
VETERINARY ROPE**

**VET ROPE**  
Pressure spread over larger area.

**NORMAL ROPE**  
Causes bruising.

VetRope is a soft, flexible, oval-shaped, woven polyester hollow-center rope which is manufactured especially for veterinary work. It will never cause burns or bruising because the oval shape causes pressure to spread over a wider area instead of concentrating in one spot. It is comfortable and soothing for injured or frightened animals, making hoof and veterinary tasks easier to accomplish.

VetRope is made of marine grade polyester which resists dirt yet may be washed if necessary. A spliced-in eye loop will not slip or fray. Rope is ideal for use with animals, but has other uses as well.

**VR25** VetRope, 8 ft. with spliced loop at one end. 1.25 lbs.

**VR50** VetRope, 16 ft. with spliced loops at both ends. 3 lbs.

## Bovine Leg Splints

Bovine Orthopedic Splints (BOS) are molded from PVC and lined with closed cell foam for maximum comfort for cows and calves. The Calf size is especially useful for treating contracted flexor tendons in newborns. The Cow size is good for fractures or for calving paralysis. Order Cohesive bandage wrap separately.

**204296** BOS Splint for calves, rear leg.

**209657** BOS Splint for calves, front leg.

**204300** BOS Splint for small cows, rear leg.

**204298** BOS Splint for large cows, rear leg.

**209660** BOS Splint for X-Large cows, rear leg.

**HW30016** Roll of Heavyweight Stretch Cohesive Tape, neutral color, 3" X 5 yds.



## Demotek Easy-Bloc Kits



7850-05



Hoof problems in dairy cattle can be costly, affecting both milk yield and weight gain. Demotek Easy Bloc Hoof Shoes are used to lift the hoof opposite an injured hoof to relieve pressure and speed healing. Demotek powder and liquid combine to form a strong acrylic bond which holds the specially designed hoof shoe in place. To use, pour liquid into the Easy Bloc shoe, sprinkle powder onto the liquid, and place shoe onto the claw. No need to mix liquid and powder in a separate container. Kits come complete with hoof shoes, powder and liquid. Hoof Check (available separately) is a handy device to evaluate the correct angle and proportion for proper hoof trimming.

**7850-01** Kit, 4 Shoes, 2 left, 2 right. Wt. 2.7 lbs.

**7850-02** Kit, 12 Shoes, 6 left, 6 right. Wt. 6.5 lbs.

**7850-05** Optional Hoof Check Measuring Device. Wt. .2 lbs.

**7850-03** Easy-Bloc Powder only, 500g. Wt. 1.4 lbs.

**7850-04** Easy-Bloc Liquid only, 250ml. Wt. 1.1 lbs.

## Cohere Bandage

Cohere Cohesive Bandage material is water-resistant and self-adhering but will not stick to hair. Use it as a wrap for wound protection and to stabilize and splint limbs. Cohere Bandage material is 4" wide, 5 yards on a roll. Sold each or case of 24. 2.2 lbs. per case.

**CH40024-03** Cohere Bandage Roll, white

**CH40024-04** Cohere Bandage Roll, black

**CH40024-05** Cohere Bandage Roll, red

**CH40024-06** Cohere Bandage Roll, dark blue

**CH40024-06L** Cohere Bandage Roll, light blue

**CH40024-08** Cohere Bandage Roll, pink

**CH40024-09** Cohere Bandage Roll, purple

**CH40024-27** Cohere Bandage Roll, neon green

**CH40024-00** Cohere Bandage, case of 24 assorted colors. Four rolls each of red, pink, dark blue, light blue, neon green, purple.



## Protective Cow Medi-Boot

Cow Medi-Boot opens wide for easy on and off. Triple-layered bottom is made of tough polyvinyl compound making it reusable many times over.

**MJ60** Cow Medi-Boot for right or left hoof. 12 oz.

Animal Health

GENUINE  **Hoof Knives**



Genuine Frost Hoof Knives from Sweden feature fine steel blades and riveted handles with durable wood finish. Tang extends deeply into handle for good leverage and long life. Overall length of knives is 8"; handles are 5" long. Plastic blade sleeve included. Knives weigh 3 oz. Left or right hand.

- 109-1910** Small Hoof Knife, LH.
- 109-1920** Small Hoof Knife, RH.
- 109-1930** Large Hoof Knife, LH
- 109-1940** Large Hoof Knife, RH.

DOUBLE-EDGE **Hoof Knife**



Hoof Knife features a stainless steel double edge blade securely attached to the smooth hardwood handle. Quality construction.

- 8700730D** Double Edge Hoof Knife. Wt. 3 oz.

ECONOMY **Hoof & Searcher Knives**



- 171RH** Small Hoof Knife for right hand, 2-1/2" long, width at tip 5/32". Wood handle is 3-5/8". Wt. 2 oz.
- 171LH** Small Hoof Knife for left hand
- 180RH** Large Hoof Knife for right hand, 8-1/2" long, overall. Length of blade to handle, 3-1/2"; width of blade at point, 3/8". Wt. 3 oz.
- 180LH** Large Hoof Knife for left hand
- 1885** Double Edge Searcher Knife, blade width at heel is 13/16"; at tip 10/16". Wt. 3 oz.

**Hoof Pick**



- 5327** Handy Plated Metal Hoof Pick. 5-1/2" long. Wt. 2 oz.

**Hoof Nipper & Hoof Parer**



**104P** Hoof Nipper is drop forged and oil tempered for long life. 14" handles afford maximum leverage, ends are cushioned. Wt. 2 lbs.

**105P** Hoof Parer is similar to above except it has one over-lapping blunt jaw. Blunt jaw acts as an anvil and the other jaw does the cutting. 14" cushioned handles. Wt. 2 lbs.

**Shoe Puller**



Designed to grab hold of horse shoe for removal, Shoe Puller and Spreader can also be inserted into shoe to spread it further open. Features sharp hardened cutting edge and comfortable cushioned handle grip. Not for cutting metal or wire.

- 106P** Shoe Puller & Spreader, 14". Wt. 2 lbs.

**Hoof Parer**



This Hoof Parer is similar in jaw shape to the Shoe Puller above but has anvil effect cutting jaws with one sharp hardened edge cutting onto a blunt edge. 14" long, Hoof Parer features cushioned grip handles. Not for use on nails or metal.

- 106AP** Hoof Parer. Wt. 2 lbs.

**Hoof Nipper**



This well-designed professional Hoof Nipper is 14" long and features a wide flat head and thin heat-treated jaw. Cushion-grip handles. Not for use on hardened nails or wire.

- 104PFH** Hoof Nipper. Wt. 2 lbs.

PROFESSIONAL FARRIER **Hoof Trimming Kit**



Designed for trimming hooves and shoeing horses but can be used for cattle too. Attractively boxed. Contains one each of the following: Farrier Hammer, 104PFH Hoof Nipper, Hoof Knife, 111 File with handle, Buffer, Hoof Pick, 116 Clincher and Pritchel.

- 5050** Professional Hoof Trimming Kit. 10 lbs.

JUNIOR **Hoof Trimming Kit**



Beginner Hoof Trimming Kit is perfect for trimming cattle or horse hooves. Includes one each of the following best-selling items: 104PFH Hoof Nipper, 111 Hoof Rasp with handle and Hoof Knife.

- 5000** Junior Hoof Trimming Kit. Wt. 4 lbs.

END CUTTING **Nippers**



Quality End-Cutting Nippers are made from tool steel and feature hardened jaws for tough, long lasting durability. Cushion-grip handles. Useful for many jobs including hooves and soft wire. Not recommended for hardened nails.

- 100P** 10" End Cutting Nipper. Wt. 1 lb.
- 102P** 14" End Cutting Nipper. Wt. 2 lbs.

**Nail Clincher & Cutter**



Professionally forged for use on high and low horseshoe nails, Nail Clincher rolls over nails with curved jaw. Cushion grip handles.

10-inch lightweight Nail Cutter is designed to pull or cut horseshoe nails. Heat treated jaws, cushion grip handles. Not for use on hardened nails or wire.

- 116** Horseshoe Nail Clincher. Wt. 1 lb.
- 278** Horseshoe Nail Cutter. Wt. 1 lb.

Nordic Forge Tools are





## Hoof Rasps



**11200** Genuine Nicholson® Plater's Special Horse Hoof Rasp. Six teeth per row, rasp cut on one side, file teeth on other. Primarily for horses using light shoes. 14" long x 1-3/4". Wt. 1.25 lbs.

**1165** Bellota Top Sharp Rasp has deep-cut rasp on one side, coarse file on the reverse side. 14" long x 1-3/4" wide. Wt. 1.5 lbs.

**111** Popular Simmonds Rasp. Shark-tanged, flat with rasp cut on one side and a double cut file on the reverse. 14" x 1-3/4". Wt. 1.25 lbs.

**00008** Wooden Handle has a tap lock thread to twist onto the end of hoof rasps. Wt. 3 oz.

## Hoof Knife Sharpener



Blade Steel Sharpener keeps the cutting edge on hoof knives and tools with a few quick swipes. The blade recedes into the red plastic handle for protection. Pen-style handle features a pocket clip.

**220077** Hoof Knife Sharpener.



## Hoof Chisel

Especially designed for trimming hooves of larger dairy or beef cattle and draft horse animals. One piece, solid steel construction of 3/4" stock. Chisel end is 1-3/4" wide, overall length 8-1/2". Tempered and carefully ground.

**3000** Hoof Chisel. Wt. 1.5 lbs.

## Ring Hoof Knife



Ring design Hoof Knife has sharp curved cutting edge for cutting and cleaning large areas of the hoof. Wooden handle.

**CP3384** Ring Design Hoof Knife. Wt. 4 oz.



## HANDY Hoof Brush

Handy Hoof Pick Brush combines pick and brush in the same tool. Loosen material with the pick, flip over and brush away. Brush has textured vinyl handle, stiff brush material and securely fastened steel pick.

**1506** Hoof Pick Brush (color may vary). Wt. 4 oz.

## Foot Rot Shears



Deluxe steel Foot Rot Shear is a sharp and precise cutting instrument due to its steel construction, excellent balance and serrated edges.

**8700718** Deluxe Foot Rot Shear. 9" long. Wt. 11 oz.



Sharp pointed double blades on this quality foot rot shear make it possible to dig out even the smallest infected area. Well-balanced and easy to handle.

**RSP-138** Foot Rot Shear. 9" long. Wt. 12 oz.



**TR1962** Economy Stainless Steel Foot Rot Shear has sharp points and non-serrated edges. 9" long. Wt. 11 oz.



**8700719** Professional Aluminum Foot Rot Shear has unbreakable durable die-cast aluminum handles and stainless steel blades, one plain and one serrated. Wt. 11 oz.



**8700720** Lightweight Foot Rot Shear has durable plastic handles and stainless steel blades. Serrated bottom blade helps ensure better holding and cutting. Ideal for use with goats and sheep. 7 oz.

## Hoof Trimmer



### COMPOUND ACTION

Extra heavy duty hoof trimmer has excellent leverage because of compound action construction. Will handle the toughest jobs easily and quickly. Comfortable rubber grips for firm operation. Blades may be resharpened and will last for years. Replacement blades available. Overall length 16.5".

**36BT** Hoof Trimmer. Wt. 5.5 lbs.

**36BB** Set of Replacement Blades.

## MILCARE® LONG HANDLED Hoof Trimmer



This expertly forged tool is also used to help stop the development of misshapen hooves.

Hardwood 29" handles plus 5" of drop forged cutting head gives terrific leverage. Extra long length allows user to work standing out of range of nervous animal's hooves. Trims the toughest hooves on heifers, cows, bulls or horses. Can also be used as a dehorner. Extra thick blades are easy to keep sharp. 32" overall length.

**364T** Hoof Trimmer. Wt. 7 lbs.

Animal Health



**Rear Hip Lifter**

Hip Lifters are used with Pow'r Pulls or other lifting devices to lift a cow down from milk fever, calving injury or a fall. Rubber-padded stirrups protect hip bones. Adjustable for small heifers to large cows. Movable parts are sealed and lubricated. Lifter is rated at 2000 lbs.

**2255RH** Rear Hip Lifter. Wt. 18 lbs.

**2255TH** Repl. threaded handle and nut.

## Cow Lifts



**Front End Sling**



Front End Sling helps balance the cow for lifting. It is especially recommended when the cow cannot support her front quarters as use of the Hip Lifter alone could result in tissue damage. Front End Sling is adjustable for any size cow and a harness keeps the belt in the correct position. Complete as shown.

**2255FE** Front End Sling. Wt. 22 lbs.

**CUSHION GRIP Cow Lift**



**BEAM HOOK**

Economical and durable, the Nordic Cow Lift is lightweight and self-locking and tightens with a simple hand crank. Useful for post-parturient paresis, down cows, prolapsed uterus, restraint during surgery, generalized weakness, obturator paralysis or fracture repair. Self-locking rings will not slip outward as you jack them inward.

Beam Hook opens a full 10" to serve as a speedy, movable support for a sling or winch. Beam Hook features curved, pointed ends which easily grip an overhead beam, pipe or tree limb. The more pressure applied, the better the grip. A valuable companion piece to the Cow Lift.

**10022** Cow Lift. Wt. 19 lbs.

**10000** Beam Hook, load limit 1,000 lbs. Wt. 4 lbs.

**1178** Repl. Handle for Cow Lift.

**DAISY LIFTER Cow Lift**



Now with stronger straps & buckles!



New innovative Daisy Lifter Cow Lift is a simple and inexpensive way to lift or move cows with a front end loader or bucket. Gentle lifting with support from the backside to the brisket ensures that the cow is not harmed. Daisy Lifter includes an open area for the udder to hang through, thus reducing stress and pressure. This and other features make it especially suitable for extended lifting, up to 4 hours, in cases of paralysis recovery and the like.

Daisy Lifter is made from heavy duty reinforced long-lasting PVC and includes a leather covered web support pad for the area between udder and tail. Metal parts are plated while webbing and thread are made of durable polyester. Daisy Lifter will lift animals up to 2200 lbs.

The cow is gently rolled onto the sling, straps are adjusted and the C-hooks secured to a front end loader or bucket. The cow is then gently lifted and moved to a hospital area. After use, the Daisy Lifter should be cleaned, dried, and stored in the handy drawstring carry bag until next use. Complete Daisy Lifter includes sling, carry bag, hooks and instructions.

**CLDLHX** Daisy Lifter, complete. Wt. 23 lbs.

**210144** XLarge Daisy Lifter, complete, for large dairy and beef cows, sling is 4.7" wider and 4.7" longer than standard model. Wt. 24 lbs.

**Chart Holder**



This stainless steel chart holder is ideal for storing milk charts and other records and features an attached pen and pencil holder.

**B1-1101** Stainless Steel Chart Holder. Wt. 1.05 lbs.

**Barn Desks**



**GALVANIZED**

**STAINLESS STEEL**

This high quality barn desk is 19.25" wide by 14.5" long. Provides ample room for breeding records. Chain holds lid in writing position. Sturdy latch keeps desk tightly closed when not in use.

**B1-1150** Galvanized Desk. Wt. 8.5 lbs.

**B1-1100** Stainless Steel Desk. Wt. 8.5 lbs.



## EZE Bloodless Castrator Kit



CLIP & BAND

This easy-to-use bloodless castrating tool causes minimum stress and discomfort to the animal and, therefore, will not interrupt the rate of gain. The tool applies a clip and latex band around the scrotum and pulls it extremely tight, cutting off the blood supply. May be used on cattle, sheep and goats. Scrotum usually falls off in 20 to 30 days. Instructional DVD included.

**628001** EZE Bloodless Castrator Kit complete with 25 clips and bands and instructional DVD. Wt. 5 lbs.

**628025** Clips and Bands for EZE, bag of 25.

**628002** Repl. cutter for EZE Castrator.

## California Bander



California Bander is a stainless steel tool which applies stretchy surgical tubing for fast and easy bloodless castrating. A foam coating on the handle helps hands stay comfortable and flexible. With practice, castrating can be done in just a few seconds per animal. Pre-cut, 6" natural latex bands have an aluminum T-clip which fits into a slot on the tool. The band is stretched around the scrotal sack, locked back into the clip and the tool is removed. The band stays on for approx. 20 to 30 days as tissues dry out and fall off. Works with all ages and breeds. California Bander is boxed with instructions. Order bands separately.

**5660001** California Bander. Wt. .5 lb.

**5660002** Bands for California Bander, package of 25. Wt. .5 lb.

## DELUXE ALUMINUM Band Elastrator



Deluxe aluminum Band Castrator is easier to operate and has better leverage than some other elastic band castrators. This light weight but strong instrument has a wide ring spread. It features a locking device which holds the ring in expanded position for one-hand operation. Accomplishes castration with very little discomfort and no open wounds. Overall length is 10.5".

**CP4030** DeLuxe Band Castrator. Wt. 1.2 lb.

**402-100** Bag of 100 Elastrator Rings.

## HAUSMANN Emasculator



200067

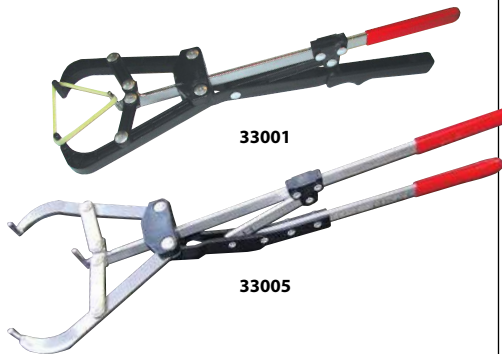
200053

Curved stainless steel emasculators feature removable wing nut for easy disassembly and cleaning and also for adjusting the tightening of the blades. Emasculators have double crushing blades which helps prevent hemorrhage by thoroughly crushing the spermatic cord and artery.

**200067** European quality Emasculator Hausmann for horses, 12 inches long. Wt. 1.5 lbs.

**200053** Emasculator Hausmann for smaller animals, 7.5 inches long. Wt. 11 oz.

## DELUXE ALUMINUM Band Elastrator



33001

33005

Tri-Band Applicator permits a fast easy bloodless castrating procedure which causes less stress than cutting or crushing. Thick latex Tri-Band rings are pre-treated with antiseptic, are twice as strong as other rings and open wider. The Tri-Band Applicator is easy to load and operate.

**33001** Tri-Band Applicator including 10 bands. Recommended for calves up to 300 lbs. also goats and rams, opens to 2" X 2" X 2". Wt. .75 lb.

**33002** Bands for Tri-Band, bag of 25.

**33005** XL Tri-Band Applicator, recommended for calves 250 - 750 lbs. Opens to 3" X 3" X 4". Overall length 14.5". Wt. 1.5 lbs.

**33006** Bands for XL Tri-Band, bag of 25.

## CHROME-PLATED Elastrator



Elastrator Rings

A rubber ring is placed over the purse (scrotum) to castrate lambs, young goats or calves, and on the tail for docking lambs. The ring is simply put on and left there.

**401** Elastrator Tool, overall length 8". Wt. .5 lb.

**402-100** Bag of 100 Elastrator rings.

## Castrators



8704350

8704362

8704351  
8704353  
8704355  
8704358

8704360

Precision-made instruments made of quality stainless steel. Bloodless castrators are designed with cord stop. Knee attachment increases leverage with the large castrators.

**8704350** Bloodless Castrator, forged steel, 9" long, for lambs and piglets. Wt. 1.5 lbs.

**8704351** Bloodless Castrator, forged steel, 12" long for lambs, pigs, calves & goats. Wt. 2.6 lbs.

**8704353** Bloodless Castrator, forged steel, 14" long, for rams, calves and horses. Wt. 4.5 lbs.

**8704355** Bloodless Castrator, forged steel, 15.75" long, for large stock, including bulls. Wt. 4.75 lbs.

**8704358** Bloodless Castrator, forged steel, 18.6" long, for large, mature horses and bulls. Wt. 5 lbs.

**8704360** Knee Attachment.

**8704362** Wrench for attaching knee attachment.

## PLASTIC HANDLE Elastrator



8704336

Elastrator enables placing a rubber ring over the scrotum to castrate lambs, young goats or calves. Can also be used for tail docking with lambs. The ring is put on and left there until it falls off. Elastrator is 8.5" overall.

**8704336** Plastic Elastrator. Wt. 1/4 lb.

**402-100** Bag of 100 Elastrator rings.



Ambic Tail Paint is a simple, effective heat detection tool. The paint is easily applied with the 16.9 oz. (500 ml) dispensing bottle which has an integral brush for ease of application. Tail Paint rubs off perfectly for accurate heat detection and is also effective as a general marker.

- ATP001-01 Ambic Orange Tail Paint, 16.9 oz.
- ATP001-02 Ambic Yellow Tail Paint, 16.9 oz.
- ATP001-05 Ambic Red Tail Paint, 16.9 oz.
- ATP001-06 Ambic Blue Tail Paint, 16.9 oz.
- ATP001-07 Ambic Green Tail Paint, 16.9 oz.



## Kow-Ball Chin Ball Marker



The Kow-Ball Chin Ball Marker is recognized worldwide as an effective heat detection aid assuring high conception. Made of harness leather, Kow-Ball is fully adjustable and attaches securely and comfortably to a teaser (Gomer) bull.

Kow-Ball's spring-loaded stainless steel ball acts like a ball-point pen, marking the mounted cow with a specially formulated nontoxic marking fluid. Reservoir holds sufficient fluid for 25 to 30 mountings and is easily refilled.

- 5024 Kow-Ball Marker. Wt. 2 lbs.
- 5024-02 Yellow Marking Fluid, gallon. 9 lbs.
- 5024-09 Magenta Marking Fluid, gallon. 9 lbs.
- 5024-06 Blue Marking Fluid, gallon. 9 lbs.
- 5024-07 Green Marking Fluid, gallon. 9 lbs.



## ESTROTECT™ Heat Detectors

Easy to apply. Just peel & stick.

Three Colors Available



Single mount

3-5 mounts

5 or more mounts



Estroprotect patches are an aid to the herdsman's visual observation for detecting cows in standing heat. The patches are self-adhesive requiring no messy glues. Repeated mounts cause a coating to rub off exposing the brilliant color which attracts the eye even from a distance.

When cows are bred at the ideal time, the result is more pregnancies, fewer rebreeds and fewer open cows. All that plus savings in semen and A-I services gives a good return on investment. Estrus Alert patches are low-cost and feature simple peel-and-stick application with no glue required. Package of 50.

599-0010 Estroprotect, Fuchsia

599-0050 Estroprotect, Red-Orange

599-0070 Estroprotect, Brilliant Green

## Heat Detectors



Kamar is a valuable heat detection aid to assist you in identifying cows that are ready to be bred artificially. The detector is a pressure sensitive device which is affixed to the sacrum. Built-in timing mechanism requires a minimum of 3 seconds of pressure by a mounting animal before turning color which guards against false positives. Detector is WHITE until activated by a cow standing to be ridden, then turns RED.

Kamar Detectors will catch more cows in heat on time, increase conception rates, reduce calving intervals, lower insemination expense. Also useful to double check for repeat services.

**KM25** Kamar Heatmount Detector Kit in display carton. Complete with 25 detectors, special glue, applicator and instructions.

**KM50** Same with 50 detectors.

**KMG25** Repl. Glue, 4.25 fl. oz. tube

## Ewe Marking Harness

Ewe Marking Harness is an invaluable tool at breeding time. This durable harness is made of strong black nylon web. It is water resistant and features nickel-plated hardware. Attached to each harness is a molded nylon plate that holds crayon blocks snugly and firmly. All corners are smooth and rounded and will not irritate rams or ewes.

**05-35-7094** Black Nylon Ewe Marking Harness

Crayons for Marking Harnesses		
Red	Blue	Crayon Type
HC05	HC06	Hot Weather Crayon
MC05	MC06	Mild Weather Crayon
CC05	CC06	Cold Weather Crayon

Crayons available in Red & Blue







## DISPOSABLE PLASTIC Gloves

**Super-Sensitive Styles Available**

Plastic disposable five-finger sanitary obstetrical gloves provide protection and bio-security without bulk or stiffness. They're made of high quality polyethylene. Gloves have sturdy airtight seams and are powder-free.

- B2-1260** Wrist Length Gloves, medium, clear, 1-1/4 mil. 100 per dispenser box. Wt. .8 lbs.
- B2-1360** Wrist Length Gloves, large, clear, 1-1/4 mil. 100 per dispenser box. Wt. .9 lbs.
- B6-1000** Shoulder Length Gloves, large, clear, 3/4", 1-1/4 mil. 100 per dispenser box. Wt. 2.8 lbs.
- B6-1200** Sensitive Shoulder Gloves, large, blue 36", 1 mil stretchy poly. 100 per dispenser box. Wt. 2.1 lbs.
- B6-1100** Super-Sensitive Shoulder Length Gloves, large, raspberry, 3/4", 8/10 mil. 100 per box. Wt. 2 lbs.
- B6-1306** Extra-Long Shoulder Gloves, large, brown, 39.5", 1-1/4 mil. 100 per ziploc bag. Wt. 3 lbs.

## Artificial Insemination Case



A heavy duty 24 gauge stainless steel case that measures 18.5" long x 8" wide x 8.75" high. This A-I case provides ample space for towels, plastic gloves, boots, soap, powder, etc. An excellent item for the A-I technician. Case is lockable with key or padlock (not included.) Supplies sold separately.

- B1-1030** A-I Kit, Stainless Steel. Wt. 10 lbs.



Choose  
°F or °C  
Scale

## Thermometers

One inch diameter pocket bi-metal dial thermometer has aluminum dial, stainless steel stem and plastic lens. Plastic case doubles as a holder. Stem is 5" long. Wt. 1 oz.

- B6-6320** Fahrenheit Thermometer, +25° to 125°.
- B6-6330** Celsius Thermometer, -5° to +50°.

## J- Lube

Concentrated powdered J-Lube dissolves easily in water to make an inert, non-irritating OB lubricant. 10 oz. bottle has a shaker top and makes 6 to 8 gallons.

- J109** Concentrated Powder, 10 oz.



## Artificial Insemination Lubricant

Non-spermicidal Professional Lubricant is used for artificial insemination tasks.

- B6-7040** Professional Lube Gel, 8 oz. bottle.
- B6-7010** Professional Lube Gel, 1 gallon. Wt. 9.5 lbs.

## Plastic Dispensing Bottle

An 8 ounce polyethylene bottle with flip-up spout. Completely leakproof with spout closed. For use with lubricant, disinfectant, etc.

- B6-6520** Plastic Dispenser Bottle with Cap. 8 oz.



## Knot-A-Boots™



It's not a boot – it's a 4-mil thick, bio-secure, clear polyethylene protective disposable boot cover. Sized for all types of footwear from shoes to heavy winter boots, Knot-A-Boots have partially perforated top edge which pulls back to create a secure tie.

- B6-1830** 3 mil Plastic Knot-A-Boot with ties 18" tall, foot length 14-3/4" (for men's shoes up to size 10). 100 per dispenser box. Wt. 2.6 lbs.
- B6-1850** 4 mil Plastic Knot-A-Boot with ties 18" tall, foot length 14-3/4" (for men's shoes up to size 10). 50 per dispenser box. Wt. 3.5 lbs.
- B6-1870** 6 mil Plastic Knot-A-Boot with ties 18" tall, foot length 14-3/4" (for men's shoes up to size 10). 50 per dispenser box. Wt. 4.5 lbs.
- B6-1857** 4 mil Extra Large Knot-A-Boot, foot length 16", boot height 21". 50 per dispenser box. Wt. 4 lbs.
- B6-1880** 4 mil Jumbo Knot-A-Boot, foot length 19", boot height 21". 50 per dispenser box. Wt. 4.5 lbs.

## ELASTIC TOP Disposable Boots



Elastic Top Disposable Boots are made of blue textured plastic. They stay in place when pulled on with no need of knotting. Foot length is 16" to fit over men's shoes up to size 12.

- B6-1930** Elastic Top Boots, 4 mil, 17" tall. 50 per pack. Wt. 2.3 lbs.
- B6-1960** Elastic Top Boots, 6 mil, 17" tall. 50 per pack. Wt. 3.5 lb.

Animal Health

## Thaw Monitor



Bookmark-sized Thaw Monitor uses liquid crystal technology to display the proper temperature for thawing semen. Simple to use and easy to read. Complete instructions are printed on the Monitor. Temperature is referenced in °F and °C.

- 198-01** Thaw Monitor.

## Improved Cito Thaw Units



Field-tested and proven, Thaw Units will thaw semen with accurate and sensitive electronic control of the required constant water temperature. Made of tough ABS plastic, the unit will take abuse yet protect all of its working elements. Indicator light shows when the unit is ready to use and when it is working and maintaining the water bath at the required 95 to 98 F. Unit comes complete with 6 ft. power cord, dual voltage power supply, lift-out basket and thaw monitor. Available in standard model with thaw monitor or digital model.

- CT-12120** Thaw Unit complete as shown. Wt. 5 lbs.
- CT-12120D** Digital Thaw Unit complete as shown. Wt. 5 lbs.
- AI-MANUAL** Manual Thaw Unit including tester card. To thaw, fill with hot water. Wt. 2.5 lbs.
- B6-6260** Manual Thaw Thermos including Thermometer (range 25°F to 125°F) and Retriever. Glass-lined wide-mouth insulated bottle, capacity one pint. Wt. 1.5 lb.
- B6-6270** same as above with Celsius Thermometer, range -50°C to 50°C.

Animal Health

## Sanitary Over-Sheath



Narrow, 18" long Sanitary Over-Sheath from IMV Technologies has a finger slot at one end. It is placed over the standard sheath for additional protection during insertion and can be removed with a pull on the finger-slot.

- D800** Sanitary Over-Sheath, dispenser box of 100.

## Cito Straw Cutter



Designed to quickly cut off the sealed end of the semen straw. It is accurate, efficient, versatile and sanitary. Made of non-corrosive plastic and stainless steel. Easy to disassemble and disinfect. Individually wrapped for cleanliness.

- B6-6404** Cito Straw Cutters. 1 oz.

## Carrying Case

Plastic A-I Carrying Case is a sturdy lightweight kit made from non-corrosive ABS plastic. Included is a straw cutter, tweezer, and accessory tray. A built-in sheath storage compartment with cover is in the lid. The CT Thaw Unit shown at right fits neatly into the case and a hole is provided for the cord, as shown. Thaw units and all accessories except cutter and tweezer are sold separately. Case is 10" high X 11" deep X 19" long.

- CT-100** Plastic A-I Carrying Case. Wt. 9 lbs.

Shown with CT Thaw unit & cord, sold separately.



## All-2-Mate™ Insemination Gun and Sheaths



All-2-Mate™ Insemination Gun was designed to accept both 1/2 cc and 1/4 cc straws. It is used with the slit sheath with green insert. This style gun has an O-ring to secure the sheath.

- B6-3260** All-2-Mate Insemination Gun.
- B6-3283** O-Ring for Gun, package of 10.
- B6-4405** Slit Sheath with green insert for above gun. Bag of 50 weighs 8 oz. Dimensions: 17.5" (44.45cm) long, .167" (.424cm) O.D.

## All-2-Mate™ Barb-Style Insemination Gun and Sheaths



The Barb-Style Insemination Gun requires no O-ring to secure the sheath to the gun. Sheath slips on quickly and easily. The All-2-Mate™ Gun works equally well for 1/2 cc and 1/4 cc straws.

- B6-3460** Barb-Style Insemination Gun for 1/2 cc and 1/4 cc straws.
- B6-4500** Unslit Sheath with blue insert for use with barb-style spiral insemination guns. Bag of 50 weighs 8 oz. Dimensions are 17.5" (44.45cm) long, .178" (.452cm) O.D.

## Insemination Straw Gun and Sheaths

The gun most commonly used by professional inseminators with the 1/2cc wick and powder straw. Made of durable stainless steel for strength and rust prevention. Individually wrapped in a poly bag.

Neat sanitary slit sheaths (with or without green insert) provide an excellent fit with the 1/2cc style insemination straw gun. Packaged 50 per poly bag.

- B6-3200** Insemination Straw Gun. Wt. 2 oz.
- B6-3275** Replacement O-Ring for B6-3200 Gun.
- B6-4205** Slit Sheaths with no insert. Bag of 50 weighs 8 oz. Dimensions: 17.5" (44.45cm) long, .167" (.424cm) O.D.
- B6-4405** Slit Sheath with green insert. Bag of 50, 8 oz. Dimensions: 17.5" (44.45cm) long, .178" (.452cm) O.D.

## Split Universal Sheath



- D300** Split Universal Sheath with Green Adapter from IMV Technologies may be used with most insemination guns and the 1/2cc Wick & Powder Straw. Sheath is 17.5" long. Poly bag of 50 weighs 3 oz.

## Sheath Protector



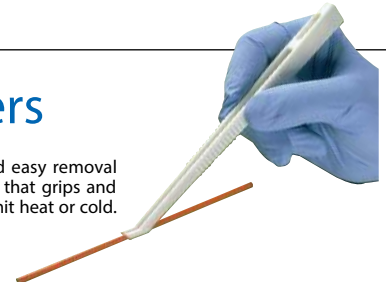
This patented disposable 12" sheath protector is used as a protective cover. It aids in the prevention of contaminant transfer into the uterus during the insemination process. Clear in color. 12" (30.48cm) long. Packaged 25 per poly bag.

- B6-4700** Sheath protector. Bag of 25. 4 oz.

## Cito Straw Tweezers

Correctly designed 6-1/4" long polyester tweezer for quick and easy removal of 1/2cc straws from canisters. Shaped with a specially grooved tip that grips and surrounds the straw, yet doesn't crush it. Instrument does not transmit heat or cold. Individually wrapped.

- B6-6408** Cito Straw Tweezers. 8 oz.





## Umbilical Clamps



Umbilical Cord Clamps help to prevent the introduction of bacteria into the newborn animal and also prevents stress from sprays, dips or environmental irritations. Clamps are made of blue plastic and may be used on calves, colts, lambs and kids.

**UCC** Umbilical Cord Clamps, pkg. of 100.

## "Original" Ratch-A-Pull Calf Puller



Double-action Ratch-a-Pull provides variable side-to-side pull for best control and maneuverability. 77" solid steel rod allows long continuous pull without re-attaching chains. Deep grooves on pole provide positive locking to prevent slippage. The longest and strongest calf puller available. Pole threads together at mid-point for easy breakdown. Entire mechanism including aluminum alloy breech spanner and washable web strap fit neatly in carry bag. Order carry bag separately.

**33100** Ratch-A-Pull with aluminum breech spanner and web strap. Wt. 27.5 lbs.

**33108** Optional Carry Bag for Ratch-A-Pull. Canvas with nylon stitching, velcro pockets and closures. Wt. 1.5 lbs.

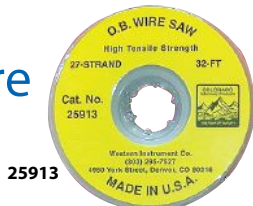
## WESTGUARD Calf Puller



The Westguard Calf Puller is fast, simple and safe. The ratchet-operated puller turns left or right 360 degrees at the breech for easy one-person operation. The rotating shaft stays hooked even when cow goes down during birth. Ratcheted, non-slipping action permits slow or rapid extraction. Release and reset is fast and easy. The breech is die-cast aluminum and other parts are plated for rust resistance. O.B. chain and hip strap included.

**3010** Westguard Calf Puller. Wt. 24 lbs.

## O.B. Saw Wire & Handles



**25913**



**25915**



**8705001**

**25913** 32 ft. coil of O.B. Saw Wire. 27 strands of high tensile strength braided wire that is .050 diameter. In handy dispenser. Wt. 3 oz.

**25915** Pair of Handles for use with saw wire. Die-cast metal. Wt. 4 oz.

**8705001** Pair of Handles for use with saw wire. Stainless Steel. Wt. 4 oz.



## Obstetrical Chains and Handle



**Hook Handle**

**OB Chain**



High quality, heavily chrome-plated obstetrical chains are convenient to use and easy to keep clean and sanitary. Much more effective and easier to use than ordinary rope, chain provides a good grip on the calf and handles difficult calving situations without injury to the calf or cow.

**30331** 30" Obstetrical Chain. 8 oz.

**30333** 60" Obstetrical Chain. 1 lb.

Hook Handles are available chrome-plated or in stainless steel. It attaches anywhere along the length of the chain, not only to the end link, improving leverage. It facilitates a good grip on the chain for gentle, even pulling. These handles are superior quality veterinary instruments, 5" wide x 5 1/2" long.

**30335** Chrome-plated Obstetrical Handle. 8 oz.

**30336** Stainless Steel Obstetrical Handle. 8 oz.

## Low-Trauma Nylon Calving Strap



Nylon Calving Strap has an advantage over either chains or rope for assisted delivery of calves in that stress is spread over a larger area of the soft tissue and bones reducing the likelihood of injury. Strap is 1" wide yellow nylon webbing and is 32" long overall. Two metal loops are sewn-in with a double thickness of strapping and may be used to attach a calf puller or traction device for harder deliveries. The hand loop allows correct and sufficient pressure for easier deliveries. Two straps should be used during calving, one for each calf leg. Straps are easily cleaned and disinfected.

**LT132** Nylon Calving Strap, ea. Wt. 1 lb.

## Nylon OB Straps



Easy to use two-ply nylon straps with heavy duty plated D-rings. Designed for strength and durability. Preferred by cattlemen who do not care to use chains.

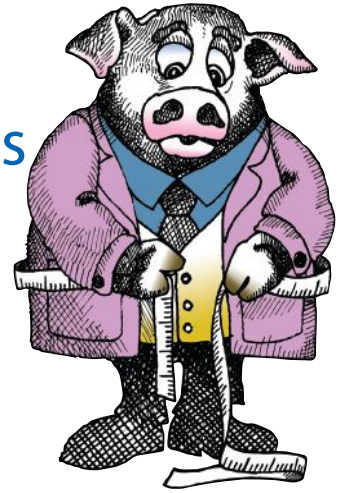
**30130** 30" Obstetrical Strap. 3 oz.

**30160** 60" Obstetrical Strap. 5 oz.

Animal Health



# Animal Weigh Tapes



Tapes give weight estimates based on heart girth of animal. All Coburn Weigh Tapes are printed on double-thick Tyvek® which is durable, stretch-resistant and will not rip, rot, or mildew.



**Holstein Weigh Tape** employs the latest data available based on research done at Pennsylvania State University on today's taller and leaner Holstein heifers. Tape has inches/pounds on one side and kilograms/centimeters on the other so the tape can be used as a handy metric converter as well. Printed in both English and Spanish, many helpful livestock tips are included along the length of the tape. Reads weights from 77 lbs./34 kgs to 2125 lbs./985 kgs.  
**44555** Holstein Dairy Cow Weigh Tape, Inches/English reversing to Metric/Spanish bagged with header card.

**Weight-By-Breed Dairy Tape** has three separate scales for Holsteins, Guernseys and Jerseys. It's easy to compare average weights at 3 months and 6 months of age. Determine the lightest recommended breeding weights and the average first calving weights. For weights from 57 to 1975 lbs. Tape is 108" long, doubled and sewn.  
**44552** Dairy Tape, Inches/English bagged with header card.  
**44552M** Dairy Tape, Metric/Bilingual, Spanish & English, bagged with header card.

**Holstein Dairy Calf Weigh Tape** is for Holsteins from newborn to approximately 12 weeks or 282 lbs./126 kgs. Dual scale tape includes tips for proper calf raising and feeding. 54"/137 cms in length.  
**44556** Dual Scale Calf Tape, English, bagged with header card.  
**44556S** Dual Scale Calf Tape, Spanish, bagged with header card.

**Veal Weigh Tape** is handy for checking veal calves for proper time to market. For weights from 65 lbs. to 458 lbs.  
**44553** Veal Tape, Inches/English bagged with header card.

**Hog Tape** estimates weights of hogs from 125 to 260 lbs. Accurate for many breeds because it estimates weight using both body length and heart girth. Tape is 60 inches long.  
**22511** Hog Tape, Inches/English bagged with header card.

**Improved Beef Stock Tape** estimates beef cattle weights according to body condition — thin to very fleshy. One side gives the scale in inches and pounds and the opposite side has the same scale in centimeters and kilograms. Tape includes instructions and helpful tips. For weights up to 1600 lbs./734 kgs. Tape is 108 in./274 cms long.  
**44551** New Improved Beef Tape, English/Dual Scale, Inches & Metric, bagged with header card.

**Metric Beef Stock Weigh Tape** accurately estimates weight of feeder and beef breeding cattle. One side shows by grade and the other by body condition. For weights from 44 to 800 kgs. 108 in./274 cms long.  
**44551MS** Beef Tape, Metric/Spanish, bagged with header card.

**Horse & Pony Height Weigh Tape** accurately estimates weight of ponies and horses up to 1321 lbs. (all but the largest breeds), tells height in hands and serves as a quick, efficient daily conditioning guide. 80" long.  
**33571** Horse Tape, Inches/English bagged with header card.

**Dual Scale English/Spanish Horse & Pony Height Weigh Tape** shows height in hands, weighs animals up to 1300 lbs./599 kgs. and includes tips and advice. Not for largest breeds.  
**33572** Dual Scale Horse Tape, lbs./English and kgs./Spanish, bagged with header.

**Dairy Goat Height Weigh Tape** is 54 in./137 cms. long and weighs up to 195 lbs./88 kgs. Dual scale on one tape.  
**44558** Dairy Goat Tape, English, inches and metric scale, bagged with header.

**Trophy Deer Weight Estimation Tape** estimates live weight, dressed weight and amount of edible meat of your deer kill. Also useful for measuring antler spread. For live weights to 380 lbs.  
**88602** Trophy Tape, Inches/English bagged with header card.

Animal Care

## Custom Tapes Available

Exclusive Coburn Livestock Tapes may be customized with your logo and company info. Minimum quantity, 500.





# LA-CO® Real Paint in Stick Form! All-Weather Paintstiks®

- RESISTS WEATHER & FADING
- NON-TOXIC, SAFE FOR ALL ANIMALS
- MARKS ON WET OR DRY ANIMALS

## PAINTSTIK®

Used by county agents, U.S. Livestock Extension Service, veterinarians, breeders, growers, stockyard workers. Available in black, white and a number of vivid colors including high-visibility fluorescents. Order in boxes of 12 or three on a card, ready for store display.

**437\*** Box of 12 Paintstiks. Specify color with Codes: yellow, black, white, red, orange, blue, light blue, green, purple & silver. Wt. 1.5 lbs.

**437-00** Box of 12 Paintstiks. Assorted colors: 3 red, 3 green, 3 green, and 3 orange. Wt. 1.5 lbs.

**61132** Red Paintstik, 3/card.

**61134** Orange Paintstik, 3/card.

## HOT CLIMATE PAINTSTIK®

Special HC formulation is designed to yield optimal marks per stick at temperatures up to 130F. Box of 12 sticks.

**612\*** Box of 12 HC Hot Climate Paintstiks. Specify color with Codes below: orange, blue, green, red, fluorescent orange, fluorescent pink or fluorescent green. Wt. 1.5 lbs.

## TWIST-STIK®

Paintstik® in handy twist-up twist-down style provides neat dispensing, cleaner hands and no wasted paint. No holder necessary. Fitted with clear cap and grippable twist knob.

**610\*** Twist-Stik, Box of 12. Specify color with Codes below: orange, yellow, red, blue, green, fluorescent pink or fluorescent green. Box of 12 weighs 3 lbs.

## FLUORESCENT PAINTSTIK®

**438** Box of 12 Fluorescent Paintstiks. Specify color: pink -08, green -07, orange -01 or yellow -02. Wt. 1.5 lbs.

**61142** Fluorescent Pink Paintstik, 3/card.

### \* HOW TO ORDER PAINTSTIK® COLORS

Where you see an asterisk \* specify a color by adding a hyphen and code number after the stock number. For example, **437-09** is a box of 437 Paintstiks in purple. **612-21** is a box of Hot Climate Paintstiks in fluorescent orange.

#### Color Codes

orange -01    yellow -02    white -03    black -04  
red -05    blue -06    green -07    pink -08  
purple -09    silver -SL    light blue -11  
fluorescent orange -21    fluorescent green -27  
fluorescent pink -28



## Quik Shot



Choose Inverted Tip or Regular Spray Tip

Livestock Aerosol Spray Paint features a powerful far-reaching spray which keeps animal contact to a minimum. Water-based paint is weather and fade-resistant, quick drying and environmentally friendly. Quik Shot is ideal for tail-painting heifers and all sorts of livestock marking and sorting tasks. Inverted tip sprays with the can in any position, even upside down. Can contains 12 fluid oz. Case of 12 weighs 14 lbs.

- 61112** Quik Shot Inverted Tip, fluorescent pink
- 61114** Quik Shot Inverted Tip, fluorescent orange
- 61116** Quik Shot Inverted Tip, fluorescent green
- 61191** Quik Shot Inverted Tip, red
- 61193** Quik Shot Inverted Tip, blue
- 61102** Quik Shot Regular Tip, fluorescent pink
- 61104** Quik Shot Regular Tip, fluorescent orange
- 61106** Quik Shot Regular Tip, fluorescent green

## Freeze Branding Irons



Custom Freeze and Fire Brands Available – Please Inquire

Freeze-Branding Irons feature brass heads that are heavy enough to have good temperature-holding capacity so more animals can be branded in less time. Freeze Branders kill pigment cells in the skin so that hair is permanently whitened where the brand was applied. The branding heads are super-cooled in either liquid nitrogen or dry ice and alcohol. Sold in set of digits 0 through 8. (For numeral 9, use the numeral 6 inverted.)

**247002** Set of Freeze Branding Irons, 0-8, numeral size, 2" high X 1/4" thick. Wt. 20 lbs.

**247003** Set of Freeze Branding Irons, 0-8 numeral size 2-1/2" high X 5/16" thick. Wt. 20 lbs.

## Duct Tape ANKLE & TAIL ID



Duct Tape has a thousand uses and one of them is color-coding of cows. Mark your special cows with a piece of duct tape on tail or ankle. Tape is 2" wide, 60 yards per roll, 9 mil thick and requires no scissors to cut. Wt. per roll, 1.5 lbs.

- 238-6000 Duct Tape Roll, original silver
- 238-6001 Duct Tape Roll, orange
- 238-6002 Duct Tape Roll, yellow
- 238-6005 Duct Tape Roll, red
- 238-6006 Duct Tape Roll, blue
- 238-6007 Duct Tape Roll, green

## Quick Strap Leg Bands



Size: 1 1/4" x 13"

Quick Strap Leg Bands feature a push-button release mechanism so they are as easy to remove as they are to put on. Made of tough DuPont nylon, Quick Strap bands are 1-1/4" wide and a full 13" long so that the protruding end acts like a flag to alert the dairy farmer to special cows such as antibiotic cows, high SCC, dry or colostrum. Quick Strap bands can be used in a color-coding scheme, such as RED for antibiotic, PINK for high SCC, etc. Use of markers is not recommended.

- LM01 Orange Quick Strap Leg Band
- LM02 Yellow Quick Strap Leg Band
- LM05 Red Quick Strap Leg Band
- LM06 Blue Quick Strap Leg Band
- LM07 Green Quick Strap Leg Band
- LM08 Pink Quick Strap Leg Band



## Flagbands™ HOOK 'n' LOOP LEG BANDS

Size:  
1 1/2" x 12"



Flagbands are a quick and easy method for temporarily marking cows. Made of tough nylon hook-and-loop fabric, power-welded together for long life and durability. Simply press together. Once on, they stay on. Grasp and pull to remove. Flagbands are washable, reusable, durable and markable. They are packed 10 blank bands to a poly bag with colorful display header.

- 83-21-10 Neon Orange Flagbands
- 83-27-10 Neon Green Flagbands
- 83-28-10 Neon Pink Flagbands
- 83-22-10 Neon Yellow Flagbands
- 83-05-10 Red Flagbands
- 83-01-10 Orange Flagbands
- 83-02-10 Yellow Flagbands
- 83-09-10 Purple Flagbands
- 83-07-10 Green Flagbands
- 83-06-10 Light Blue Flagbands
- 83-13-10 Royal Blue Flagbands
- 83-03-10 White Flagbands

## Coburn® Leg Bands

Size:  
1 3/8" x 13 1/4"



Our Locking Leg Band is made with an automotive-grade plastic giving them all-weather flexibility and markability qualities. Leg Band attaches easily (wet Leg Band with water or a mild soap solution), locks securely, yet is easily removed by sliding a flat-edge between the ratchets. Large dark numerals and letters are 11/8" high and are applied under heat and pressure for permanence.

Flexible extra-smooth Legbands come in seven colors, and are available numbered 1 through 9999, blank or worded. Please specify yellow, white, orange, red, blue, pink, green and numbers desired. Specify color with Coburn Color Code Guide shown below.

- 2365\*N Leg Band, numbered.
- 2365\*B Leg Band, blank.
- 2365\*C Factory lettered "CAUTION"
- 2365\*D Factory lettered "DRY COW"
- 2365\*P Factory lettered "DUMP"
- 2365\*T Factory lettered "TREATED"
- 2365\*F Factory lettered "FRESH"
- 65111 Coburn Heavy Duty Black Marker

### \* HOW TO ORDER LEGBANDS

Where you see an asterisk \* specify color by inserting a hyphen and code number. For example, 2365-02D is a yellow Legband lettered "DRY COW". 2365-08N is a pink Legband with number of your choice.

#### Color Code Numbers

- |            |            |
|------------|------------|
| orange -01 | yellow -02 |
| white -03  | red -05    |
| blue -06   | green -07  |
| pink -08   |            |

## Neck Strap ID Sleeves



Sleeves  
shown on  
822-100  
Neck Strap

Yellow Plastic Neck Strap ID Sleeves slip onto a nylon neck strap for cattle identification. Available in numerals 0 through 9, number sleeves will fit most neck straps that are 1-5/8" wide by about 1/8" thick.

- 822-000 Neck Strap ID, number 0.
- 822-001 Neck Strap ID, number 1.
- 822-002 Neck Strap ID, number 2.
- 822-003 Neck Strap ID, number 3.
- 822-004 Neck Strap ID, number 4.
- 822-005 Neck Strap ID, number 5.
- 822-006 Neck Strap ID, number 6.
- 822-007 Neck Strap ID, number 7.
- 822-008 Neck Strap ID, number 8.
- 822-009 Neck Strap ID, number 9.



# Coburn® Cattle Tags



Our Cattle Tags are permanently engraved, made of unbreakable solid nylon and are guaranteed against breakage and wear under normal use. Numbered tags are engraved on both sides and are available in a range of color combinations as illustrated. (One to three digits are standard; an extra charge applies for letters or fourth digit.). Tags are 3-1/2" high by 2-1/8" wide.

- 258\*** Blank Tag. Select yellow, white, blue, black, red or green.
- 258E\*** Engraved Tag with white numbers. Select blue, black, red or green.
- 258E-02** Engraved Yellow Tag with black number, specify number.
- 258E-03** Engraved White Tag with black number, specify number.
- 258E-04Y** Engraved Black Tag with yellow number, specify number.
- 65111** Heavy-Duty Black Marker with improved, durable round tip marks approximately 2500 digits.

# Coburn® Cattle Tags-Packs of 10



Now offering black, red and blue cattle tags prepackaged in groups of ten to help with retail display. Tags are factory-numbered in groups of 1-10, 11-20 ... all the way to 100! Tags are 3-1/2" high by 2-1/8" wide. Please specify color using the Coburn Color Code Guide shown below.

- 258PK\*010** Engraved tag with white numbers 1-10. Select black, red or blue.
- 258PK\*020** Engraved tag with white numbers 11-20. Select black, red or blue.
- 258PK\*030** Engraved tag with white numbers 21-30. Select black, red or blue.
- 258PK\*040** Engraved tag with white numbers 31-40. Select black, red or blue.
- 258PK\*050** Engraved tag with white numbers 41-50. Select black, red or blue.
- 258PK\*060** Engraved tag with white numbers 51-60. Select black, red or blue.
- 258PK\*070** Engraved tag with white numbers 61-70. Select black, red or blue.
- 258PK\*080** Engraved tag with white numbers 71-80. Select black, red or blue.
- 258PK\*090** Engraved tag with white numbers 81-90. Select black, red or blue.
- 258PK\*100** Engraved tag with white numbers 91-100. Select black, red or blue.



## Poly Chain

PolyChain is long-lasting and colorful. Use for animal I.D. only, not for restraint. Specify color, red, black, yellow, white, blue or green.

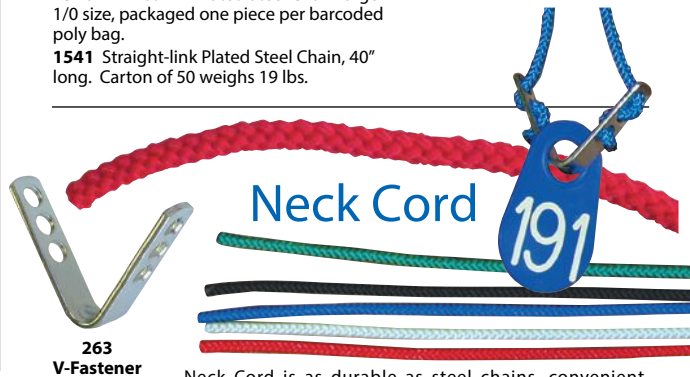
- 1973\*** Standard PolyChain, link size 1-3/8" X 3/4", 40 inch length. Carton of 100 weighs 16 lbs.
- 1974\*** Standard PolyChain, 100 ft. Wt. 5 lbs.
- 19746\*** Standard Connecting link.
- 1975\*** Jumbo PolyChain, link size 2" x 1-1/4", 40" length. Carton of 50 weighs 15 lbs.
- 1976\*** Jumbo PolyChain, 100 ft. Wt. 9 lbs.
- 19768\*** Jumbo Connecting Link.



## Chain & Rings

Steel Neck Chains may be connected with Plated Ring Fastener which has an open edge for easy application.

- 1540** Twist-link Plated Steel Chain large 1/0 size, 40" long. Ctn. of 50 weighs 33 lbs.
- 1540-1** Twist-link Plated Steel Chain large 1/0 size, packaged one piece per barcoded poly bag.
- 1541** Straight-link Plated Steel Chain, 40" long. Carton of 50 weighs 19 lbs.
- 1549** Plated Ring. Inside diameter 1-1/4". 100 weigh approx. 4.5 lbs.
- 1589-10** Plated Ring, 10 per barcoded poly bag.



## Neck Cord

Neck Cord is as durable as steel chains, convenient, lightweight and more economical. Available in five bright UV-stabilized colors: red, blue, green, black or white. Available in two lengths.

- Use heavily plated steel V-Fastener to secure cord as shown. When cord is inserted in three holes, a strong pull will release the animal. If inserted in 3 holes and the loose ends slid under, cord will hold until broken. Insertion in 2 holes only will release animal very easily.
- 261\*** Neck Cord, 45" length (add color code.)
  - 262\*** Neck Cord, 54" length (add color code.)
  - 263** Plated V-Fastener, sold each or carton of 500. Ctn. of 500 weighs 41 lbs.

# Coburn® FlexTags



Flexible Neck Tags are made in the same mold as our traditional tags and carry the same money-back guarantee but are made with a rugged, flexible formulation. Marker-friendly Flexible Neck Tags are available in Yellow or White. Tag is 3-1/2" high by 2-1/8" wide. Available blank only.

- 259-02** Blank Flexible Tag, Yellow.
- 259-03** Blank Flexible Tag, White.
- 65111** Heavy-Duty Black Marker.

### \* HOW TO ORDER CATTLE TAGS, POLYCHAINS & NECK CORDS

Where you see an asterisk \* specify a color by adding a hyphen and code number after the stock number. For example, 1973-03 is a 40" length of PolyChain in white. 258E-05 is a Red Tag engraved with number of your choice.

#### Color Code Numbers

- |            |           |           |
|------------|-----------|-----------|
| yellow -02 | white -03 | black -04 |
| red -05    | blue -06  | green -07 |



# ALLFLEX GLOBAL TAG SYSTEM

## RETENTION COLLAR DESIGN

Provides easier application and free movement of two parts, increasing retention.

## PROVEN SHAPE

High performance design for retention and durability, even in difficult environments.

## NEW PATENTED LASER-INK TECHNOLOGY

Laser marks are guaranteed permanent and the black hot-stamp overlay gives the high contrast look producers like.

## SELF-PIERCING MALE STUDS

For ease of application and reduced risk of infection.

## SMALL ROUND TAG

1-3/16" diam.

**SUPER MAXI TAG**  
4-5/8" X 3"  
Numbers are 1-3/4" high.

**DOUBLE LARGE TAG**  
3" X 2-1/4"  
Numbers are 1-1/8" high

**MAXI TAG**  
4" X 3"  
Numbers are 1-3/4" high.

**LARGE TAG**  
3" X 2-1/4"  
Numbers are 1-1/8" high.

**MEDIUM TAG**  
2" X 1-5/8"  
Numbers are 3/4" high.

**SHEEP TAG**  
5/8" X 2"

## \* HOW TO ORDER NUMBERED TAGS

Factory numbered tags are sold in packages of 25 sets.

Specify your numbers per these examples:

SLT11-025 is a set of Large Allflex Tags in orange, numbered 1 through 25  
183-53014-050 is a set of Calf-size Z-Tags in white, numbered 26 through 50  
Suffix "-075" indicates tags 51 through 75 and "-100" indicates tags numbered 76 through 100. Similar up to 200. For tags above 200, use suffix "-XXX" and specify number sequence.

Super Maxi, Maxi, Large & Medium Tags have ink-jet over laser numbers. Sheep and Small Round have laser marked numbers without ink-jet overlay.

**All Tags listed here are complete (2-piece) tag sets.**

**SUPER MAXI TAG** is same width as Maxi but has longer neck and thicker construction. Good for large beef breeds that have long thick ear hair. Numbered tags 1-25, 16-50, etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

SSX11 Orange	SSX13 White	SSX16 Blue
SSX12 Yellow	SSX15 Red	SSX17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

SSX01 Orange	SSX03 White	SSX06 Blue
SSX02 Yellow	SSX05 Red	SSX07 Green

**MAXI TAG** is our most popular size because of the high visibility of the numbers. Used on beef and dairy cattle. Numbered tags 1-25, 26-50, etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

SMX11 Orange	SMX13 White	SMX16 Blue
SMX12 Yellow	SMX15 Red	SMX17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

SMX01 Orange	SMX03 White	SMX06 Blue
SMX02 Yellow	SMX05 Red	SMX07 Green

**LARGE TAG** is a popular tag for use on calves and feedlot cattle. Numbered tags 1-25, 26-50, etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

SLT11 Orange	SLT13 White	SLT16 Blue
SLT12 Yellow	SLT15 Red	SLT17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

SLT01 Orange	SLT03 White	SLT06 Blue
SLT02 Yellow	SLT05 Red	SLT07 Green

**DOUBLE LARGE TAG** is for use on large animals such as steers, heifers, cows and bulls where distance, front and rear visibility are important factors. Numbered tags 1-25, 26-50, etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

DLT11 Orange	DLT13 White	DLT16 Blue
DLT12 Yellow	DLT15 Red	DLT17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

DLT01 Orange	DLT03 White	DLT06 Blue
DLT02 Yellow	DLT05 Red	DLT07 Green

**MEDIUM TAG** is widely used on ewes, calves and hogs where chewing is not a problem. Numbered tags: 1-25, 26-50, etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

SMT11 Orange	SMT13 White	SMT16 Blue
SMT12 Yellow	SMT15 Red	SMT17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

SMT01 Orange	SMT03 White	SMT06 Blue
SMT02 Yellow	SMT05 Red	SMT07 Green

**SHEEP TAG's** self-punching tip makes a round, clean hole through the ear to prevent wool from being carried into the hole. Laser numbers (1-99999) are 1/2" high and do not have hot-stamp overlay. Numbered tags: 1-25, 26-50, etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

SHT11 Orange	SHT13 White	SHT16 Blue
SHT12 Yellow	SHT15 Red	SHT17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

SHT01 Orange	SHT03 White	SHT06 Blue
SHT02 Yellow	SHT05 Red	SHT07 Green

**SMALL ROUND TAG** is used for pigs or sows in confinement. Laser numbers are 3/8" high and do not have hot-stamp overlay. Numbers available (1-99999) packed in packages of 25, 1-25, 26-50 etc.

### Factory-numbered Tag Sets - 25 per pkg. \*

SAT11 Orange	SAT13 White	SAT16 Blue
SAT12 Yellow	SAT15 Red	SAT17 Green

### Blank Tag Sets, "You Mark 'em" - 25 per pkg.

SAT01 Orange	SAT03 White	SAT06 Blue
SAT02 Yellow	SAT05 Red	SAT07 Green

### Blank Male Studs only (no female part) 25 / pkg.

MS01 Orange	MS03 White	MS06 Blue
MS02 Yellow	MS04 Black	MS07 Green
	MS05 Red	

Tags are available with Electronic I.D. (EID) feature by special order. Special orders, custom imprints and tags numbered over 200 are not returnable.





AE-840-03



## Electronic ID Eartags



AE-982-03

Please inquire for other styles of EID tags.



AE-982-12



APP-RET-EID

## STICK READER



Allflex Electronic Identification (EID) tags help producers take full advantage of animal health, marketing and genetic programs by allowing precise tracking of animal movement and milk production. Allflex EID tags feature Half Duplex (HDX) Ultra-High-Performance technology, giving them the longest read range on the market. This means more accurate readings throughout the operation, whether at gates, in the parlor, or at the feed trough.

**AE-840-03** USDA-compliant "840" Tags, package of 20. **Producer must be assigned a USDA premise I.D. prior to ordering.** Purchase of "840" tags includes automatic entry into the USDA's livestock tracking database.

**AE-982-03** "982" Tags, package of 20. May be used by non-compliant dairies (those without USDA premise ID).

**AE-982-12** Yellow "982" Tags, sold individually. Includes management number in addition to the electronic ID number. Specify number.

**APP-RET-EID** Retractor-O-Matic Applicator for EID Tags has a contoured pistol grip handle and anvil that can be positioned at any angle. Applicator retracts the pin out of the ear before the animal can react.

Allflex hand-held Stick Reader Pro Kit contains an RS420 series Bluetooth 60cm stick reader, battery pack fast charger, spare rechargeable battery, necessary cords and cables, and hard-sided carrying case. RS420 is backward compatible with older tags.

**AE-READER** Stick Reader Pro Kit. Wt. 12 lbs.



**COW SIZE**  
Overall size  
3" wide X  
4-1/2" high



**Z-Tags no-snag Tags are widely popular for their ease of application and one-piece design.**

- Proven superior retention
- Deep Penetrating Non-Fading Numbers
- 100% Products Performance Guarantee
- Easy application • One-piece design

Application of Z-Tags is nearly a one-motion operation due to a rotating pin feature in the lightweight, comfortable applicator. The applicator even comes with a spare pin neatly stored in the handle.

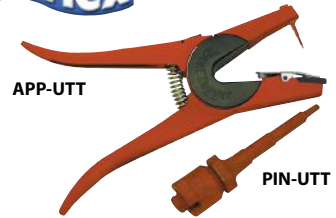
Numbered tags come in packages of 25. Please specify number sequence up to 200. Higher numbers and additional colors available by special order.

- 183-53002\*** Calf-Size Eartags, yellow, numbered.
- 183-53006\*** Calf-Size Eartags, orange, numbered.
- 183-53014\*** Calf-Size Eartags, white, numbered.
- 183-53202\*** Cow-Size Eartags, yellow, numbered.
- 183-53206\*** Cow-Size Eartags, orange, numbered.
- 183-53214\*** Cow-Size Eartags, white, numbered.
- 183-53610** Calf-Size Eartags, yellow, blank, pkg. of 25.
- 183-53611** Calf-Size Eartags, orange, blank, pkg. of 25.
- 183-53613** Calf-Size Eartags, white, blank, pkg. of 25.
- 183-53600** Cow-Size Eartags, yellow, blank, pkg. of 25.
- 183-53601** Cow-Size Eartags, orange, blank, pkg. of 25.
- 183-53603** Cow-Size Eartags, white, blank, pkg. of 25.
- 183-53001** Calf-Size Eartags, yellow, blank, pkg. of 100.
- 183-53013** Calf-Size Eartags, white, blank, pkg. of 100.
- 183-53201** Cow-Size Eartags, yellow, blank, pkg. of 100.
- 183-53213** Cow-Size Eartags, white, blank, pkg. of 100.
- 183-53234** Z-Tag Pen applies a very dark permanent mark which penetrates deeply. One extra tip included.
- 183-53000** Z-Tag Applicator, including spare pin.
- 183-52999** Replacement Pin for Applicator.

\* See "HOW TO ORDER" guide on opposite page.



**CALF SIZE**  
Overall size  
2-3/8" wide X  
3-1/4" high



APP-UTT

PIN-UTT

Ideal for Allflex livestock tagging. Includes inserts and pins for applying classic Global tags, Tamperproof tags and EID tags. Deep jaw has extra clearance for thick or large ears. Lightweight, compact, user friendly hand grip does not bite the hand. Rugged construction for heavy-duty use with positive safe-lock.

**APP-UTT** Total Tagger, complete.

**PIN-UTT** Extra pin for Global application.



PIN-UTT

APP-RET-BP

Retractor-O-Matic applies the tag with one squeeze and the pin powers back before the animal has a chance to react. Packaged complete with loaded pin and replacement pin. For use with Global and Global Tamperproof Tags.

**APP-RET-BP** Global Retractor-O-Matic.

**PIN-UTT** Replacement pin.

## "YOU MARK 'EM" Tag Pens



**65111** Coburn Heavy-Duty Black Marker with improved, durable round tip. Marks about 2500 digits.

**183-53234** Z-Tag Pen applies a very dark permanent mark and works with all brands of eartags. Ink "etches" the tag, penetrating deeply. One extra tip is included.

**65104** Fearing deep-penetrating Super-Mark Black Ear Tag Pen. Three extra tips included - one fine, two broad. Marks about 1200 digits.

**96639** Medium-tip White All-Weather Marker especially for black and other dark-colored tags. Carded.

**A100** Allflex "2-in-1" Tag Pen is blister-packed with a broad tip and a fine tip included. Marks penetrate deeply but stay crisp and clear. Quick dry black ink.

Fearing has been designing and producing ear tags since its founding in 1945. A long history of practical experience along with the development of new materials has led to today's superior DuFlex Ear Tag System.



- Superior toughness and durability.
- The only ear tag with INFECTA-GUARD Infection Protection!
- Tough, light, easy-to-use applicators lock tags in fast and secure.



Black male studs are packed with female tags. Color studs and extras available separately.

**TOUGH AND DURABLE**

**PATENTED INFECT-GUARD ANTISEPTIC COATING HELPS HEALING, CUTS TAG LOSS**

**ALL WEATHER FLEXIBILITY, RESISTS SNAGGING**

**ANTISEPTIC TIP PIERCES EAR - NOT THE APPLICATOR**

Branded packaging includes application instructions, diagrams and tips for best results.

### EXTRA LARGE DUFLEX TAG

The perfect size for adult beef and dairy. Especially suitable for beef with long ear hair. Very visible from long distances. Packed with black studs.

**Factory-numbered - 25 per pkg. \***

81101 - Orange	81103 - White	81106 - Blue
81102 - Yellow	81105 - Red	81107 - Green

**Blank Tags "You Mark 'em" - 25 per pkg.**

81001 - Orange	81003 - White	81006 - Blue
81002 - Yellow	81005 - Red	81007 - Green

### EXTENDED LARGE DUFLEX TAG

Extended Large size has a longer neck and larger numbers for better visibility from a distance. Recommended for cows or calves. Packed with black studs.

**Factory-numbered - 25 per pkg. \***

82611 - Orange	82613 - White	82616 - Blue
82612 - Yellow	82615 - Red	82617 - Green

**Blank Tags "You Mark 'em" - 25 per pkg.**

82601 - Orange	82603 - White	82606 - Blue
82602 - Yellow	82605 - Red	82607 - Green

### LARGE DUFLEX TAG

For adult cattle and calves. Recommended where tags are subject to snagging. Packed with black studs.

**Factory-numbered - 25 per pkg. \***

82101 - Orange	82103 - White	82106 - Blue
82102 - Yellow	82105 - Red	82107 - Green

**Blank Tags "You Mark 'em" - 25 per pkg.**

82001 - Orange	82003 - White	82006 - Blue
82002 - Yellow	82005 - Red	82007 - Green

### MEDIUM DUFLEX TAG

Sized especially for calves and adult sheep. Packed with black studs.

**Factory-numbered - 25 per pkg. \***

83101 - Orange	83103 - White	83106 - Blue
83102 - Yellow	83105 - Red	83107 - Green

**Blank Tags "You Mark 'em" - 25 per pkg.**

83001 - Orange	83003 - White	83006 - Blue
83002 - Yellow	83005 - Red	83007 - Green

### LARGE DUFLEX DOUBLE TAG

Popular with dairies where it's convenient to read identification from behind the animal. Numbered front & back.

**Factory-numbered - 25 sets per pkg. \***

84101 - Orange	84103 - White	84106 - Blue
84102 - Yellow	84105 - Red	84107 - Green

**Blank Tags "You Mark 'em" - 25 per pkg.**

84001 - Orange	84003 - White	84006 - Blue
84002 - Yellow	84005 - Red	84007 - Green

### STUDS ONLY

**Small Blank studs only - no back - 25/pkg.**

80001 - Orange	80003 - White	80006 - Blue
80004 - Black	80002 - Yellow	80005 - Red
		80007 - Green

By special order, DuFlex Tags are available with Dark & Durable marking, custom artwork, barcodes or Electronic I.D. (EID) feature. Special imprints and tags numbered over 200 are not returnable.



Stud



Actual Size

### \* HOW TO ORDER NUMBERED TAGS

Factory numbered tags are sold in packages of 25 sets. Specify your numbers per these examples:  
 82101-025 is a set of Large DuFlex Tags in orange, numbered 1 through 25  
 81102-050 is a set of XLG DuFlex Tags in yellow, numbered 26 through 50  
 Suffix "-075" indicates tags 51 through 75 and "-100" indicates tags numbered 76 through 100. Similar up to 200. For tags above 200, use suffix "-XXX" and specify number sequence.

Animal Care





# e.Tags e.Tag® Electronic ID Tags

## e.TAG CHOICE SET

For use where verification and permanent identification is essential, ChoiceSets™ offer the ideal solution to producers who have been assigned a USDA premise ID. Each e.Tag contains a full duplex radio-frequency transponder encoded with a 15-digit ID number that can be read in milliseconds even in “noisy” environments with high amounts of metal and electrical interference. Matched panel tags facilitate daily management of livestock while the e.Tags provide source and age verification data. e.Tags may be read by all ISO-compliant readers from up to 4 feet depending on system and tag orientation. Tags are ISO-compliant, approved by USDA with optimal RFID read-range and superior cold-weather application. Studs are treated with Infecta+Guard. **DF-840-12** Yellow 840 FDX XL ChoiceSet™ e.Tag, set. Specify number.



DF-840-12

## e.TAG SWINE TAGS

e.Tags assign a unique numeric identity to livestock through universally recognized radio frequency technology. This enables use of many systems such as Electronic Sow Feeding and advanced herd management software programs. Each e.Tag contains a full duplex radio-frequency transponder encoded with a 15-digit ID number that can be read in milliseconds even in “noisy” environments with high amounts of metal and electrical interference. e.Tags may be read by all ISO-compliant readers with a read-range of up to 4 feet in optimal conditions. Tags are approved for use by producers who have been assigned a USDA premise ID. Tags have optimal RFID read-range and superior cold-weather application. Studs are treated with Infecta+Guard.

**DF-840-02** Yellow 840 FDX e.Tag, set.

USDA Premise ID required. Complete line of Destron Fearing e.Tags available. Call for pricing and additional information.

## EZ-Knife™



EZ-Knife enables quick easy removal of tags and also doubles as a twine or general purpose cutter. Strong plastic handle, razor sharp stainless steel blades with blade guard. Fits neatly and safely in back pocket. **66999** EZ-Knife™ Utility Knife.

## Lasermark® Small Round Tags



Actual Size

Small Round Buttons are good backup identification for animals of all sizes and are especially good as a litter tag for piglets. Now standard with Lasermark® markings and in the new lighter colors, Small Round Tags have brass-tipped studs with Infecta-Guard coating. Sets include same color female back.

Lasermark® is a new, versatile, permanent ear tag marking technology. A computer-guided laser beam enables extraordinary clarity and detail for numerals, barcodes, logos, and artwork. The laser beam permanently marks the tag material to a dark charcoal grey color. Lasermark tags are recommended for very harsh environments where hot-stamp numbers may fade or rub off and for applications where a high degree of detail is required. Most Destron Fearing tags are available with Lasermark. Please inquire.

### Factory-numbered - 25 sets per pkg. \*

**85101** - Orange    **85103** - White    **85106** - Blue  
**85102** - Yellow    **85105** - Lt. Red    **85107** - Lt. Green    **85108** - Pink

### Blank tags - “You Mark ‘em” - 25 sets per pkg.

**85001** - Orange    **85003** - White    **85006** - Blue  
**85002** - Yellow    **85005** - Lt. Red    **85007** - Green    **85008** - Pink

\* See “HOW TO ORDER NUMBERED TAGS” on opposite page.

## DuFlex Sheep & Goat Tags

Goat & Sheep tags are a neat oblong shape, numbered on both sides with black hot-stamped number. (Laser numbering not available). Studs have metal tips and are protected with anti-bacterial Infecta-Guard.



Actual Size

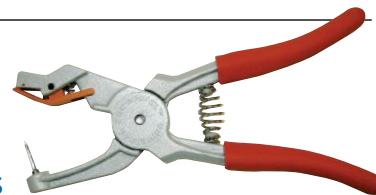
### Factory-numbered - 25 sets per pkg. \*

**77711** - Orange    **77713** - White    **77716** - Blue  
**77712** - Yellow    **77715** - Red    **77717** - Green

### Blank tags - “You Mark ‘em” - 25 sets per pkg.

**77701** - Orange    **77703** - White    **77706** - Blue  
**77702** - Yellow    **77705** - Red    **77707** - Green

## ProGrip Applicator for all Duflex Tags



The ProGrip features a comfortable no-slip, thick insulated rubber grip that cushions the hand and improves grasp to reduce hand fatigue. Even in wet, hot or cold conditions, the ProGrip completes the job with less effort and more comfort and accuracy. ProGrip is made of durable aluminum cast with stainless steel pin. Featuring deep jaws and no-pinch design, the ProGrip is safe and easy to use. Recommended for all styles of Duflex tags.

**61709** ProGrip Applicator, bagged. Wt. 12 oz.

**61800** Extra Pin.



**65111** Coburn Heavy-Duty Black Marker with improved, durable round tip. Marks about 2500 digits.

**183-53234** Z-Tag Pen applies a very dark permanent mark and works with all brands of eartags. Ink “etches” the tag, penetrating deeply. One extra tip is included.

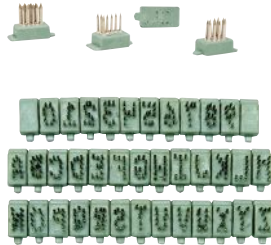
**65104** Fearing deep-penetrating Super-Mark Black Ear Tag Pen. Three extra tips included – one fine, two broad. Marks about 1200 digits.

**96639** Medium-tip White All-Weather Marker especially for black and other dark-colored tags. Carved.

**A100** Allflex “2-in-1” Tag Pen is blister-packed with a broad tip and a fine tip included. Marks penetrate deeply but stay crisp and clear. Quick dry black ink.

Animal Care

## SMALL ANIMAL Tattoo Pliers



Order Letter Set separately

Actual Digit Size 3/10"

Strong, lightweight aluminum alloy plier has the right sized head for small spaces such as ears of rabbits, dogs, cats, goats and pigs. The head holds 4 digits in 1.25" of space or 6 digits in 1.875". Kit includes pliers, set of #300 steel digits 0 - 9, 2 blanks and 3 oz. of black ink. See below for ink refills. Order letter set separately.

- 3090 Complete Small Animal Tattoo Kit.
- 4445 Set of #300 steel digits, 0 - 9 plus 2 blanks.
- 4450 Set of #300 steel letters, A through Z.

## Rotary Tattoo Pliers



3600  
PRO-ROTARY  
Compound action  
for less fatigue.



3500  
ROTARY  
40 Digits at your  
fingertips

Rotary Tattoo Pliers have continuous chains, each with 10 numbered digits (0-9) and two blank spaces. Similar to a dating stamp, digits are easily selected by rotating. Rotary Pliers feature tough steel handles, heat-treated for strength, brass digit plates with nickel-plated steel digit needles, nylon rollers and pawls.

Top-of-the line Pro-Rotary Tattoo Plier features double action which makes a deep bite with a short, easy pull. This prevents forearm fatigue even when marking hundreds of animals.

- 3600 5-Chain Pro-Rotary Compound Action Tattoo Plier, 3/8" digits. Complete with 3 oz. jar of black ink. Wt. 3 lbs.
- 3500 4-Chain Rotary Tattoo Plier, 3/8" digits. Complete with 3 oz. jar of black ink. 2 lbs. 11 oz.

## CUSTOMIZED Rotary Tattoo Pliers

SPECIFY YOUR OWN LETTER  
& NUMBER COMBINATIONS

Both the 4-chain and the 5-chain Rotary Pliers described above may be customized with any pattern of letters, numbers or blank spaces. Specify your choice using the chart below. Twelve spaces are available on each chain.

- 3605C Custom Pro-Rotary 5-chain Pliers.
- 3505C Custom Rotary 4-chain Pliers.

Please allow 2 - 3 weeks for delivery.

1st chain														
2nd chain														
3rd chain														
4th chain														
5th chain														

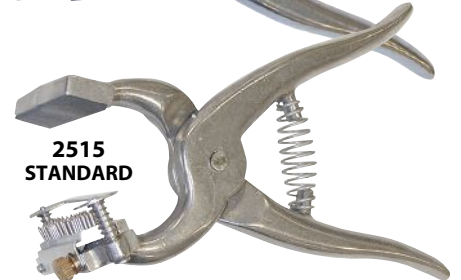
## Tattoo Pliers



3200  
PROVET-500  
Compound  
action



2630  
REVOLVING  
HEAD



2515  
STANDARD

ProVet-500 Plier has compound action for ease of use and minimum hand fatigue when tattooing hundreds of animals a day. Precision made of a special aluminum alloy, The ProVet is sturdy yet lightweight. Special double-action construction provides a short easy pull causing needles to penetrate deeply into the ear with a minimum of effort. The head holds five 3/8" digits. Order digits and ink separately.

3200 ProVet-500 Compound Action Tattoo Pliers (digits & ink not included). Wt. 1.7 lbs.

Rugged aluminum alloy Revolving Head Pliers has a double-sided design which holds up to 4 digits on each of two sides, for a total of 8 digits. One side can be used for your registration brand and the other side for number of the animal. Positive ear release prevents the points of the digits from scratching or blurring the tattoo mark.

2630 Double-Head Tattoo Plier. Complete with set of 3/8" digits (0-9) and a 3 oz. jar of black ink. Wt. 1 lb. 3 oz.

Popular Standard Tattoo Pliers are used by leading breeders. Aluminum alloy construction is strong and lightweight. Holds up to 4 digits with each digit inserted individually from front. No blank digits required. Designed so that digits cannot be placed upside down. Positive ear release prevents the points of the digits from scratching or blurring the tattoo mark.

2515 Tattoo Plier. Complete with set of 3/8" digits (0-9) and 3 oz. jar of black ink. Wt. 1.2 lb.

## Tattoo Digits



Actual Digit Size  
3/8" Digits

- 4101 Set of 10 (0-9) 3/8" digits.
- 4105 Set of 26 (A-Z) 3/8" letters.
- 4110 Single letter or number. Specify. Example: 4110-C or 4110-7



6500 Black  
Tattoo Ink

## Tattoo Ink



1448-039  
Black Ink  
"Roll On"



1485-039  
White Paste Ink

1449-039  
Green Ink  
"Roll On"



6536



1471-039 & 1475-039  
Green Paste Ink



1482-039

- 6500 Indelible black tattoo ink. 3 oz.
- 6530 Indelible green tattoo ink. 3 oz.
- 6536 Green Roll-On Tattoo Ink. 2 oz.
- 1449-039 Green Ink "Roll-on" applicator 2 oz.
- 1448-039 Black Ink "Roll-on" applicator 2 oz.
- 1485-039 White Paste Ink, 5 oz. jar.
- 1471-039 Green Paste Ink, 1 oz. tube.
- 1475-039 Green Paste Ink, 5 oz. tube.
- 1482-039 Black Past Inc. 5 oz.





**CALF STRAP**

## Leather Neck Straps



**COW STRAP**

Calf and Cow Neck Straps are made of russet tan oil-treated leather with riveted buckles for long life. Each strap has heavy-duty, nickel-plated hardware including welded and plated D-ring secured by four rows of double riveting.

Riveted-in plated loop by the buckle keeps strap end snug against the under strap. Calf Strap has extra holes to keep up with rapid calf growth.

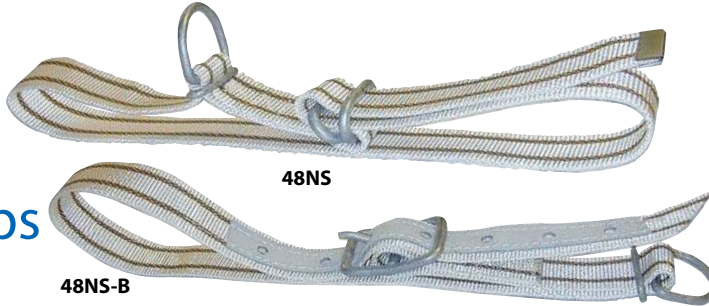
**10-80-0970** Tan Calf Strap, 33" by 1" wide. Wt. 3.5 lbs. per dozen.

**10-80-0974** Tan Cow Strap, 40" x 1.5" wide. Wt. 9 lbs. per dozen.

**10-80-0976** Tan Cow Strap, 45" x 1.75" wide. Wt. 10.5 lbs. per dozen.



## Nylon Neck Straps



**48NS**

**48NS-B**

Nylon Neck Straps are made of 1/8" thick woven strap which is stronger than leather yet stays soft under any weather conditions. Straps are 1-5/8" wide by 45" long and are white with two brown stripes. 48NS may be used with Cattle ID Sleeves shown below. See index for ID sleeves.

**48NS** Nylon Neck Strap with D-ring. Wt. .5 lb.

**48NS-B** Nylon Neck Strap with heavy standard buckle and reinforced holes. Wt. .6 lb.



## Nylon Neck Straps



**822-100**

**822-101**

Shown with ID sleeve numbers  
Ordered separately  
See page 130

Nylon Neck Straps are made of thick woven material with a soft feel which keeps its shape and strength in any weather conditions. This competitively-priced strap feature hardware of polished plated steel. Strap material is 15/8" wide by 1/8" thick and has two black stripes. Yellow plastic ID sleeve numbers are ordered by individual digit 0 through 9 (for example, 822-003 is a 3, 822-004 is a 4, etc.)

**822-100** Nylon Neck Strap with D-ring, 45 inches long. Ideal for use with ID sleeves, as shown. Wt. .45 lb.

**822-101** Reinforced Nylon Neck Strap with buckle, 42 inches long. Wt. .55 lb.



## 1/4 INCH THICK Nylon Neck Strap



Stronger than leather, Nylon Neck Strap is made of 2" wide webbing and is a full 1/4" thick. Cow-size strap is 48" long with heavy buckle and 6-hole adjustment.

**480-4802** Nylon Neck Strap with Buckle. Wt. .85 lb.

**480-0001** Replacement Buckle only. Wt. .25 lb.

## DOUBLE PLY 3/4" Nylon Goat Halters



Double-ply Nylon Goat Halter features heavy brass hardware. Wt. .3 lb.

**G106-05** for small doe, red.

**G106-07** for small doe, green.

**G107-05** for medium goat, red.

**G107-07** for medium goat, green.

**G108-05** for large goat (buck), red.

**G108-07** for large goat (buck), green.

## NYLON Leading Halter for Sheep & Goats



Made of double-ply 3/4" nylon, Sheep/Goat Halter is for leading only. Heavy brass hardware. Lead part is 34" long. Wt. .2 lb.

**2126-04** Sheep/Goat Leading Halter, black.

**2126-05** Sheep/Goat Leading Halter, red.

**2126-06** Sheep/Goat Leading Halter, blue.

# Economical PolyPro Halters



Green, Red,  
Blue or Black



Two Sizes – Four Colors  
Bagged or Bulk Pack

### Bagged

- PS1212-04** Black Cow & Horse Halter, bagged.
- PS1212-05** Red Cow & Horse Halter, bagged.
- PS1212-06** Blue Cow & Horse Halter, bagged.
- PS1212-07** Green Cow & Horse Halter, bagged.
- PS3810-04** Black Calf & Colt Halter, bagged.
- PS3810-05** Red Calf & Colt Halter, bagged.
- PS3810-06** Blue Calf & Colt Halter, bagged.
- PS3810-07** Green Calf & Colt Halter, bagged.

### Bulk Pack

- PS1212-04BB** Bundle of 12.
- PS1212-05BB** Bundle of 12.
- PS1212-06BB** Bundle of 12.
- PS1212-07BB** Bundle of 12.
- PS3810-04BB** Bundle of 12.
- PS3810-05BB** Bundle of 12.
- PS3810-06BB** Bundle of 12.
- PS3810-07BB** Bundle of 12.

PolyPro Halters are made of memory-twisted polypropylene to stand up under the harshest farm conditions. Ends are heat-welded and poly-wrapped—no metal clamps. PolyPro halters come packed in attractive barcoded bag or in bulk bundles of one dozen.

Cow & Horse PolyPro Halter is made of 1/2" polypropylene, 13 ft. long with 10" noseband. One dozen, bagged or bulk pack, weigh 7 lbs.

Calf & Colt PolyPro Halter is made of 3/8" polypropylene, 11 ft. long with 8" noseband. One dozen, bagged or bulk pack, weighs 4 lbs.

## Rope Halters



Fully adjustable hand-made sisal rope halters feature spliced-in crown lead end and are cut with generous leads.

**H1216** Calf & Heifer Halter is made with 13 ft. of 1/2" sisal rope with 7 ft. lead. Wt. 7 lbs. per dozen.

**H1424** Regular Size Halter for dairy cows. Made from 5/8" sisal rope, 15 ft. long with an 8 ft. lead. Wt. 13 lbs. per dz.

**H1732** Heavy Duty Halter is made from heavy-weight 3/4" thick sisal for hard farm use. It is recommended for extra-large cattle and bulls. 17 ft. long with a full 9 ft. lead. Wt. 20 lbs. per dz.

## Leather Show Halters



**ROUND STRAP  
DAIRY / BEEF SHOW HALTER**



**SHEEP/BUCKET CALF  
SHOW HALTER**

### HALTER SIZE GUIDELINES

<b>SMALL</b>	<b>650 - 1050 lbs.</b>
<b>MEDIUM</b>	<b>950 - 1500 lbs.</b>
<b>LARGE</b>	<b>1400 - 1650 lbs.</b>
<b>XLARGE</b>	<b>1600 + lbs.</b>

**Round Strap Dairy/Beef Show Halter** features striking round nose cheek halter; sleek bridle leather with a hand-rubbed finish. Hardware is nickel-plated and includes 20" chain and leather lead strap. Black or dark brown.

- XLARGE 2 lbs.**
- 10-90-0530** Black
- 10-90-0535** Brown
- LARGE 1.5 lbs.**
- 10-90-0520** Black
- 10-90-0525** Brown

- MEDIUM 1.5 lbs.**
- 10-90-0510** Black
- 10-90-0515** Brown
- SMALL 1.5 lbs.**
- 10-90-0501** Black
- 10-90-0505** Brown

**Sheep/Bucket Calf Show Halter** serves as a combination sheep show halter or bucket calf halter. Made of quality bridle leather, it has a round nose and comes with 3/4" leather lead and nickel plated chain.

- 10-90-0507** Black Show Halter. Wt. 1 lb.
- 10-90-0508** Brown Show Halter. Wt. 1 lb.

### REPLACEMENT PARTS

**CB210** 1" Conway buckle only, solid brass, chrome-plated.  
**NP720** Nickel-plated replacement lead chain for leather show halters. D-ring with swivel one end, spring snap other end.

## Rope Halters



087-1020

087-1022

087-2007

087-2004

Adjustable Sisal Halters for Cows and Horses are made of strong twisted sisal with wire clamps at lead end. Leather nose band is made of russet strap leather.

**087-1020** Sisal Halter with Leather Nose Band and 7 ft. lead. 1/2" thick sisal. Wt. 1 lb.

**087-1022** Heavy-Duty Sisal Cow Halter, 16 ft. length of 5/8" thick sisal. Wt. 1.5 lbs.

## Woven Polyethylene Halters

Self-adjusting and made of heavy 1/2" woven polyethylene for durability. Features 10" nose band and 7 ft. lead. Wt. .50 lb.

- 087-2004** Black and White Polyethylene Halter.
- 087-2007** Green and White Polyethylene Halter.





# Hamilton Halters



## Genuine Hamilton Quality

Hamilton Halters and related products have a long-standing reputation for outstanding quality at competitive prices. 100% nylon webbing and nylon thread are used throughout the halters. Reinforced stress points, heavy hardware, and multi-ply construction give these halters the form and rigidity of a fine, triple-stitched leather halter. Gold-Tip feature eliminates curl-up and fraying and makes buckling easier. Cotton and Poly products are constructed with the same attention to detail and quality.

### DeLUXE GOLD-TIP Cow HALTERS



33DSC  
33DSY

Made of triple thick nylon web cheek pieces and double thick crown strap and nose pieces. Brass tips and eyelets are standard. Double buckle crown straps give perfect fit. 7 ft. lead strap with 20" swivel chain and bolt snap.

**33DSC\*** Cow Show Halter, Black or Brown.  
**33DSY\*** Yearling Show Halter, Black.

### Cow COTTON HALTERS



CRC  
CRY  
CRCF

Made of 3/8" cotton rope with choker chain.

**CRC** Cow Halter with choker chain.  
**CRY** Heifer Halter with choker chain.  
**CRCF** Calf Halter with choker chain.

### Sheep SHOW HALTERS



36D

**36D\*** Attractive 3/4" nylon web Show Halter with attached 5 ft. lead. Available in red, blue, green, or black.

## Leads



PL58B

PL38

37D

**PL58B\*** Heavy 5/8" Poly Lead with brass bolt snap. 10 ft. long. Available in Black, Red, Blue, Green, Brown, Navy.

**PL38\*** Lightweight 3/8" Poly Lead with swivel snap. 8 ft. long. Available in Black, Red or Blue.

**37D\*** Sheep/Llama Lead made of 3/4" nylon web, 5 ft. long with hand loop. Available in Black, Red or Blue.

### GOLD-TIP Llama SHOW HALTERS

LHB  
LHY  
LHAA  
LHLA



Gold-Tip Llama Halters are made with double stitched 3/4" nylon web and brass finish hardware including brass-lined grommets. The outstanding quality is suitable for these valued animals. Available in red, blue or black.

**LHB\*** Baby Llama Halter for up to 5 mos.  
**LHY\*** Yearling Llama Halter for up to 18 mos.  
**LHAA\*** Average Adult Llama Halter.  
**LHLA\*** Large Adult Llama Halter.

### Cow TURN-OUT HALTERS

30DC  
30DY  
30DCF



Economical Turnout Halters are made of 1" double thick sewed nylon web. Available in black or green.

**30DB\*** Bull Turn-out Halter.  
**30DC\*** Cow Turn-out Halter.  
**30DY\*** Heifer Turn-out Halter.  
**30DCF\*** Calf Turn-out Halter.  
(Also in Brown)

### Cow CONTROL HALTERS

31CC  
31CY  
31CCF



Control Halters have choker chain and chin piece with ring for attaching the lead snap. Available in black, green, or brown.

**31CC\*** Cow Control Halter.  
**31CY\*** Heifer Control Halter (Brown not available)  
**31CCF\*** Calf Control Halter.

### NECK STRAPS FOR Cows



DCC40, DCC44, DCC48, DD28

Cattle Neck Straps are made of 1-3/4" double thick nylon web with heavy nickel plated buckle and ring. Available in black, red, or blue.

**DCC40\*** 40" Cow size Neck Strap.  
**DCC44\*** 44" Neck Strap for large cow or bull.  
**DCC48\*** 48" Bull size Neck Strap.

### NECK STRAPS FOR Calves & Goats



Neck Straps for calves and goats are made with double thick 1" nylon web. Available in black, brown, red, blue, or green.

**DD28\*** 28" Neck Strap for calves or goats.  
(Dog Collars are also suitable for goats. See Index.)

#### \* HOW TO ORDER COLORS

Where you see an asterisk \* specify a color by adding a hyphen and code number after the stock number. For example, 1D1116-13 is a Gold Tip Halter for large horse in navy. 37D-05 is a Sheep/Llama Lead in red.

#### Color Code Numbers

black -04 red -05 blue -06 green -07 brown -10 navy -13



## STAINLESS STEEL Bull Ring



- High quality
- Carded
- Economically priced

Stainless Steel Bull Ring has long sharp self-piercing point to cut a clean hole; no other attachments or instruments are necessary. Rings are individually carded with break-off screw as shown.  
**7-33SS** Stainless Steel Bull Ring 5/16 x 3. 12 weigh 2.5 lbs.



## COPPER / BRONZE Bull Rings



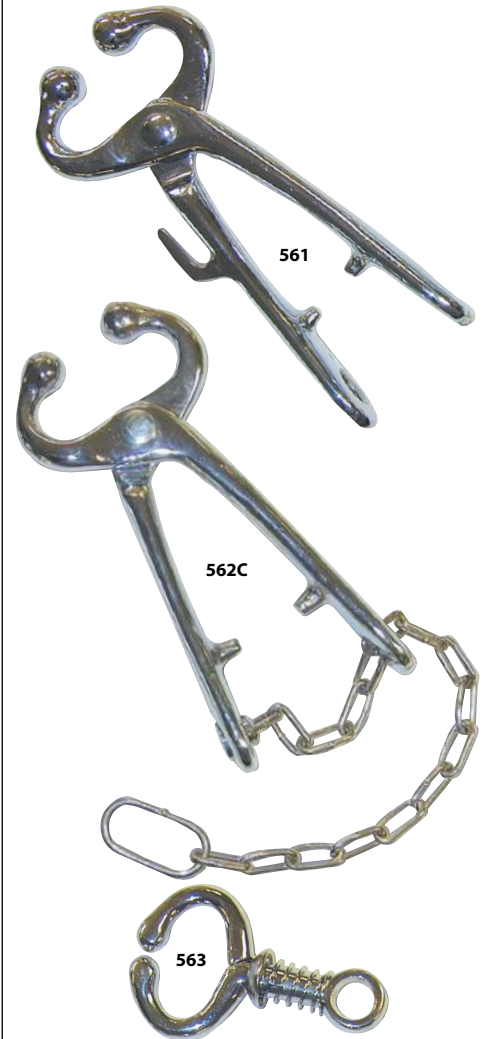
- High quality
- Carded
- Economically priced

Our quality pure copper and bronze Bull Rings provide maximum service and safety. The long sharp point of the self-piercing ring cuts a clean hole; no other attachments or instruments are necessary. Each ring is individually carded with wrench and two screws.

- 7-31** Bull Ring 5/16 x 2-1/2. 12 weigh 2-1/2 lbs.
- 7-33** Bull Ring 5/16 x 3. 12 weigh 3 lbs.
- 7-53** Bull Ring 3/8 x 3. 12 weigh 4-1/2 lbs.
- 7-53X** Bull Ring 3/8 x 3-1/2. 12 weigh 5 lbs.
- 7-54** Bull Ring 7/16 x 3-1/2. 12 weigh 8 lbs.



## Cattle Leaders



**561** Improved Rope Type Leader has 3" diameter nosepiece and is made of carbon steel for heavy duty use. 8" overall length. Wt. 1 lb.

**562C** Improved Deluxe Leader with Chain is made of heavy duty carbon steel, 9" overall length with 3" wide nosepiece. Wt. 1-1/4 lb.

**563** Spring-Type Nose Leader holds nose-piece closed when attached to animal. All surfaces are smooth. 2-5/8" diameter nosepiece, 4-1/4" overall length. Wt. 1/2 lb.

## Automatic Lead



Aluminum lock easily released – hole drilled to permit oiling of lock. Animal can eat without removal of lead. Nose piece measures 2-1/4 X 1-1/4 across center diameter. Overall length is 3-3/4".

- 18200** Aluminum Lead.
- 18205** Brass Lead.

## REVOLVING Leather Punch



Deluxe heavy-duty Leather Punch is made of cast metal with solid brass striking plate. Six-position precision punch wheel locks securely and in perfect alignment for quick cutting. Overall length is 8".

- 1379** Deluxe Leather Punch. Wt. 1 lb.

## ECONOMY Leather Punch



This Leather Punch has a pressed metal frame with 6 heat-treated drive tubes for various sized holes. Red vinyl hand grips for comfort. Overall length 8".

- 44741** Leather Punch. Wt. 9 oz.



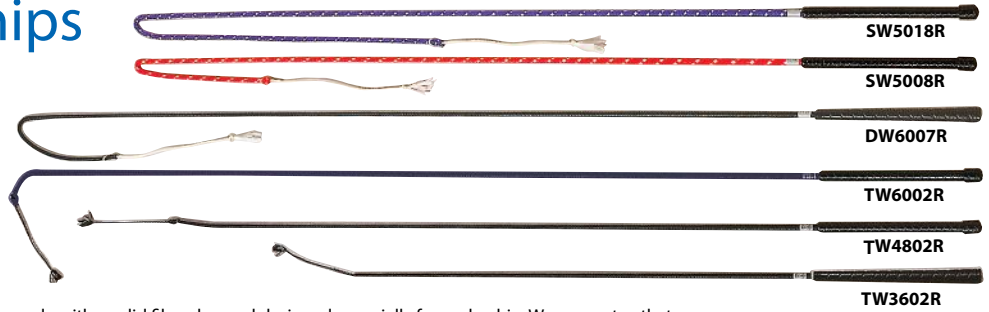
## STOCK WHIPS

# Whips

All whips are made with fiberglass shafts that have just the right flex for each specific whip. The polypropylene cover is put on in such a way that U.S. Whip guarantees the shaft end will not telescope.

**SW5018R** 50" shaft, 18" drop, machine twisted nylon popper, 10" tapered rubber handle. Assorted colors.

**SW5008R** 50" shaft, 8" drop, machine twisted nylon popper, 10" tapered rubber handle. Assorted colors.



All of U.S. Whip's training whips are made with a solid fiberglass rod designed especially for each whip. We guarantee that the fiberglass rod will not protrude or telescope through the braided cover.

**DW6007R** Driving Whip. 60" shaft, 7" drop, machine twisted nylon popper, 10" tapered rubber handle. Black.

**TW6002R** Training Whip. 60" shaft, 2" drop, braided nylon popper, 10" tapered rubber handle. Black.

**TW4802R** Training Whip. 48" shaft, 2" drop, braided nylon popper, 10" tapered knobby rubber handle. Black.

**TW3602R** Training Whip. 36" shaft, 2" drop, braided nylon popper, tapered 10" rubber handle. Black.

**TP-1** Replacement twisted white nylon popper, 11" long.

## DRIVING/ TRAINING WHIPS

**TP-1  
Popper Tip**

## FLEXIBLE FIBERGLASS

# Paddle & Sorting Stick



**PADDLE**

**SORTING STICK**

Super Sorter Paddle and Stick have a vinyl-coated fiberglass shaft which is totally flexible, enabling the user to sort cattle, hogs, and sheep in a safe, humane and efficient manner. Fiberglass shaft cannot shatter or splinter and goes all the way through the Paddle Head for strength. Paddle is made of brightly colored high density polyethylene with BB's inside to create a rattling noise for more effective sorting. Paddle head is 6" wide by 12" long.

Sorting Sticks are made of the same totally flexible, shatter-proof fiberglass with comfortable vinyl handle and tip. Stick is 1/2" thick and 54" long.

**KP48** Paddle, 48" overall length. Wt. 1 lb.

**KS1254** Sorting Stick. 54" long, 3/4 lb.

## ADJUSTABLE

# Sho-Stik

Adjustable Sho-Stik features a locking push-button mechanism to lock in the handiest length, 38", 44" or 50". It has a 10" golf club grip and cast aluminum end hook with glass-filled nylon plastic tip. Telescopes to 29" for storage. Wt. 13 oz.

**A-SHO-BK** (Black)

**A-SHO-SL** (Silver)

**A-SHO-RD** (Red)



# Hog Slappers



Hog Slappers are constructed with turned fiber glass rods covered with polypropylene. Two-piece leather slappers are glued, sewn, braided and wrapped with heavy nylon for durability.

**HS3606R** 36" Shaft, 2" X 6" split leather slapper, 10" tapered rubber handle. Black.

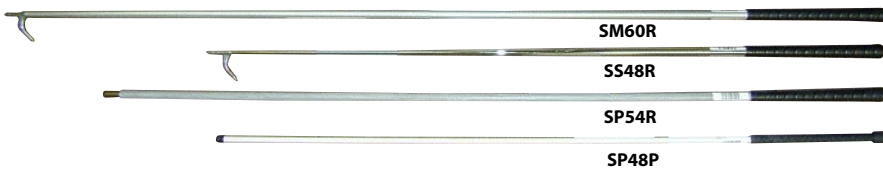
**HS2506R** 25" Shaft, 2" X 6" split leather slapper, 10" tapered rubber handle. Black.

# Pig Whip



**DW39W** Deluxe Pig Whip features a 39" fiberglass shaft with white vinyl handle with weighted button for proper balance. Made in the USA.

# Show Sticks & Sorting Poles



**SM60R**

**SS48R**

**SP54R**

**SP48P**

**SM60R** Show Stick. 60" aluminum shaft, 10" tapered rubber handle, zinc plated steel tip. We ship assorted colors black, blue, burgundy, silver, red.

**SM54R** Same as above with 54" shaft.

**SM48R** Same as above with 48" shaft.

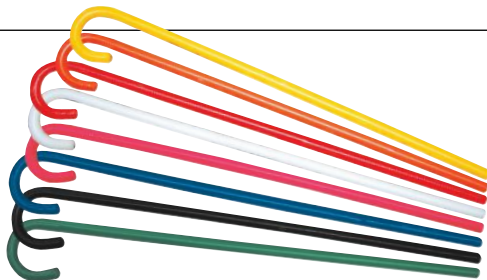
**SS48R** Show Stick. Chrome-plated steel shaft, malleable aluminum tip, 48" long. 10" tapered rubber handle.

**SP60R** Sorting Pole. Solid fiberglass straight shaft, 7/16" X 5', 10" tapered black rubber handle, white shaft.

**SP48P** Sorting Pole. Solid fiberglass straight shaft, 3/8" X 48", 10" soft plastic handle, white shaft.

**SP54R** Heavy Duty Sorting Pole. Solid fiberglass straight shaft, 5/8" X 54', grey. 10" tapered rubber handle.

## SUPER TOUGH Flex Cane



Flex-Cane is made of ultra-high molecular weight polymer, is 38" long, has a curved handle and no-slip grip. Guaranteed against breakage, it is ideal for working cattle at shows, in auction rings or on horseback.

**20100-01** Orange Flex-Cane, specify other colors per codes below. Twelve canes weigh 14.3 lbs.

-02 Yellow    -03 White    -04 Black  
-05 Red    -06 Blue    -07 4-H Green    -08 Pink

# Stockmen's Canes & Show Stick



**68C**

**68SHC**

Octagon Canes and Show Stick are the finest in burnt and lacquered oak. Top quality, straight grained and nicely balanced. Canes are available stamped and lacquered with your name. Please inquire for quotation. Minimum quantity 50.

**68C** 36" Octagon Oak Cane.

**68HD** Extra Heavy-Duty 36" Octagon Cane.

**68SHC** 60" Octagon Sheep Cane.

HOT-SHOT®

# DuraProd

Now with One-Second Output



DuraProd delivers one second of output with each press of the switch which is more humane than other prods. DuraProd represents the new generation of stock prod technology and design. Safety and durability features include snap-on battery pack, safety switch, over-molded handle, over-sized trigger, thumb grip, reinforced nut connection and hand guard. Motor requires only 4 batteries. DuraProd fits any Hot-Shot shaft (ordered separately). Choose Battery Model or Rechargeable Battery Pack Model. 18-Month Warranty.

**HUDX** Battery-Operated DuraProd Handle including 4 Alkaline Batteries. Wt. 2 lbs.

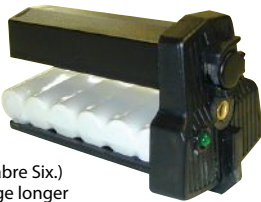
**HUDXR** DuraProd Handle with Rechargeable Battery Pack. (Order Recharger separately.) Wt. 1.75 lbs.

Order Shafts Separately - Shown Below

- DXKIT** DuraProd Recharger Kit. Includes Charger Base, Rechargeable Battery Pack, 12V cord and 110V cord. Wt. 2.38 lbs.
- DXRBP** DuraProd Rechargeable Battery Pack only.
- DXRC1** DuraProd 110V Charger Base.
- DXRC2** DuraProd 12V Charger Base.
- DXABP** DuraProd Alkaline Battery Pack (batteries not included)
- ALK** Size "C" Alkaline Batteries, 6-pack.
- DX1** Replacement DuraProd Motor.

## Rechargeable Prods

Model HU-HS may be converted to an economical rechargeable unit by purchasing the Rechargeable Battery Pack and Recharger. (Not recommended for Sabre Six.) Battery Pack holds a charge longer than batteries and may be recharged 300 to 500 times—roughly the equivalent of 100 to 200 sets of batteries. Recharger has LED and a flip cap protects the plug.



**RBP** Nickel cadmium Rechargeable Battery Pack. Order Recharger separately.

**53-R110** Battery Pack Recharger for 110V.

**53-R12** Battery Pack Recharger for 12V vehicle battery.

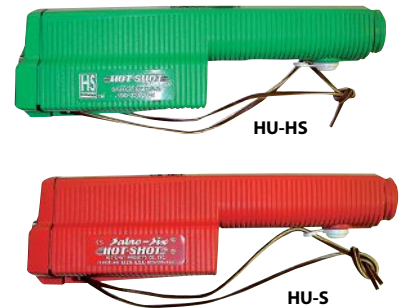
## Interchangeable Shafts



Choose various lengths in either rugged fiberglass or the unmatched flexibility and durability of polycarbonate with lexan. Any shaft may be used with any Hot Shot Handle. Shafts feature molded-in hanger hole. Length given is for overall length when shaft is attached to a Hot Shot handle.

- FX22** for 22" Prod
- FX32** for 32" Prod
- FX42** for 42" Prod
- FX52** for 52" Prod
- RH324** for 24" Prod
- RH336** for 36" Prod
- RH348** for 48" Prod
- RH360** for 60" Prod
- RH372** for 72" Prod

## Livestock Prods



- Heavy-duty sealed end covers and printed circuit boards with phosphor bronze springs
- Thick durable cases with attached wrist thong and safety lock
- Interchangeable shafts now improved from end to end with better materials.
- Longer and stronger collet sleeve, improved tip with molded-in hanger hole
- Prods are totally modular — any handle fits any Fiberglass or Lexan Shaft
- Handles and shafts ordered separately

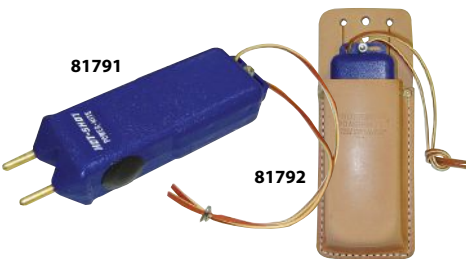
Permanently sealed drive motor makes Model HU-HS a durable, reliable, effective Prod. HU-HS has a powerful motor with long battery life and works well in all conditions including wet animals. Six "C" Alkaline batteries included. May be used with Rechargeable Battery Pack. Order shafts separately. 18 month warranty.

- HU-HS** "HS2000" Prod Handle, green. Wt. 2 lbs.
- HS1** Replacement Motor.

Sabre-Six Model has a solid state motor and mechanical construction which makes repairs and adjustments easy. Six "C" Alkaline batteries included. Order shafts separately. Three month warranty.

- HU-S** "Sabre Six" Model Handle, red. Wt. 2 lbs.
- SS1** Replacement Motor.

## Power-Mite



Popular, handy Power-Mite is small! At only 6-1/4" X 2" X 1-1/4", it's ideal for close-in work. Fully transistorized, Power-Mite uses two 9-volt alkaline batteries (included). Has safety lock switch and wrist strap.

- 81791** Power Mite with batteries. Wt. 11 oz.
- 81792** Leather belt holster for Power Mite.

## Batteries & Tester



**ALK** Improved Size "C" Alkaline battery. Better sealing and chemistry for longer and better performance. For all Hot-Shot models except Power-Mite. Carton of 6.

**R104** Battery Tester is designed to test size C batteries and also works for AA, AAA, D and 9-Volt batteries. 4" high X 2" wide.

Animal Care

## MAGRATH Stock Shock

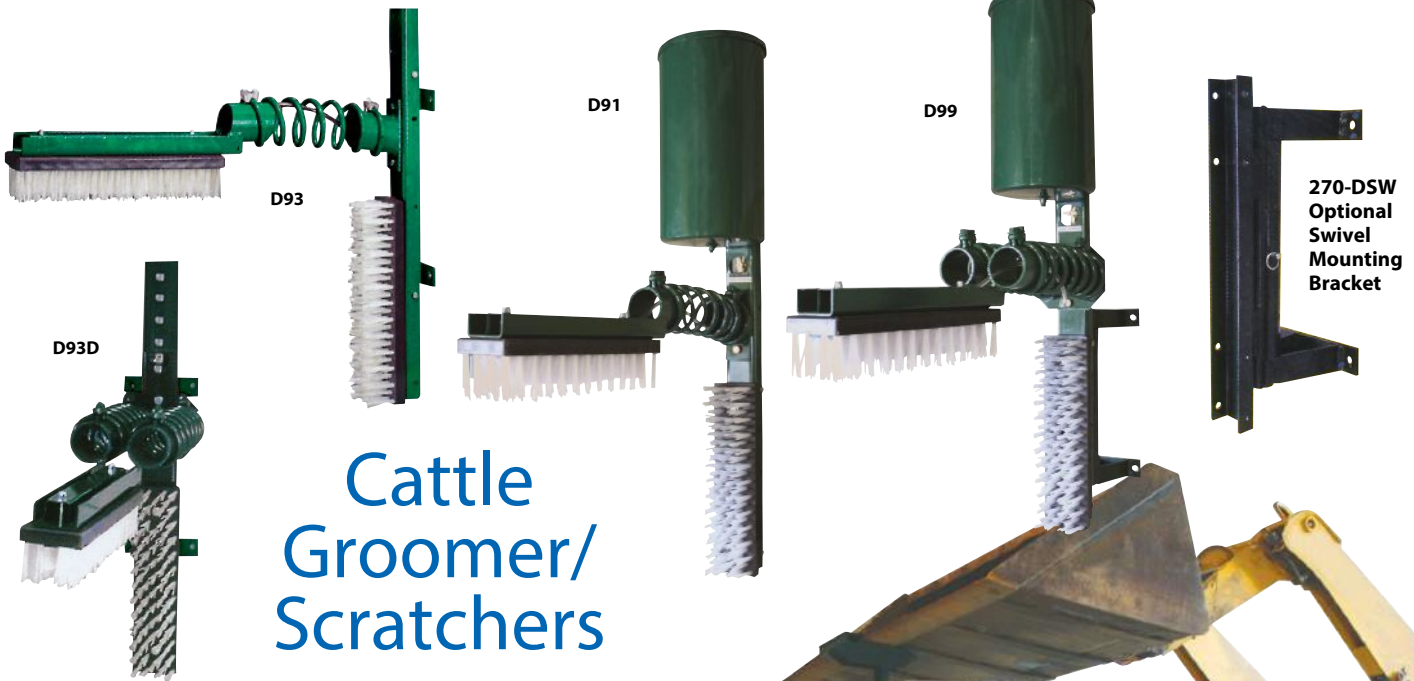
The "Yellow Prod"



Magrath's heavy duty yellow Stock Shock prod is now improved with longer battery life, a tighter seal at the battery door and better potting of the internal components. Prod has resilient, flexible shaft and wide U-shaped tip for efficient shocking in the worst farm conditions. Power Pack handle is well-designed for balance and is molded of tough structural grade plastic. Grooves and finger guide allow safe comfortable grip even with gloved hands. Solid state electronics assure long battery life and high energy shocking power. Silver battery contacts assure the shock is there when it's needed. Order Power Pack (handle) and Shafts separately. Total prod weighs approx. 4 lbs.

- MG200** Power Pack (handle) including 4 alkaline "C" batteries
- MG09** 9" Shaft. Combine with handle for 24" prod.
- MG22** 22" Shaft. Combine with handle for 37" prod.
- MG34** 34" Shaft. Combine with handle for 49" prod.
- MG44** 44" Shaft. Combine with handle for 59" prod.
- MG100** High energy Alkaline "C" Batteries, pack of 12



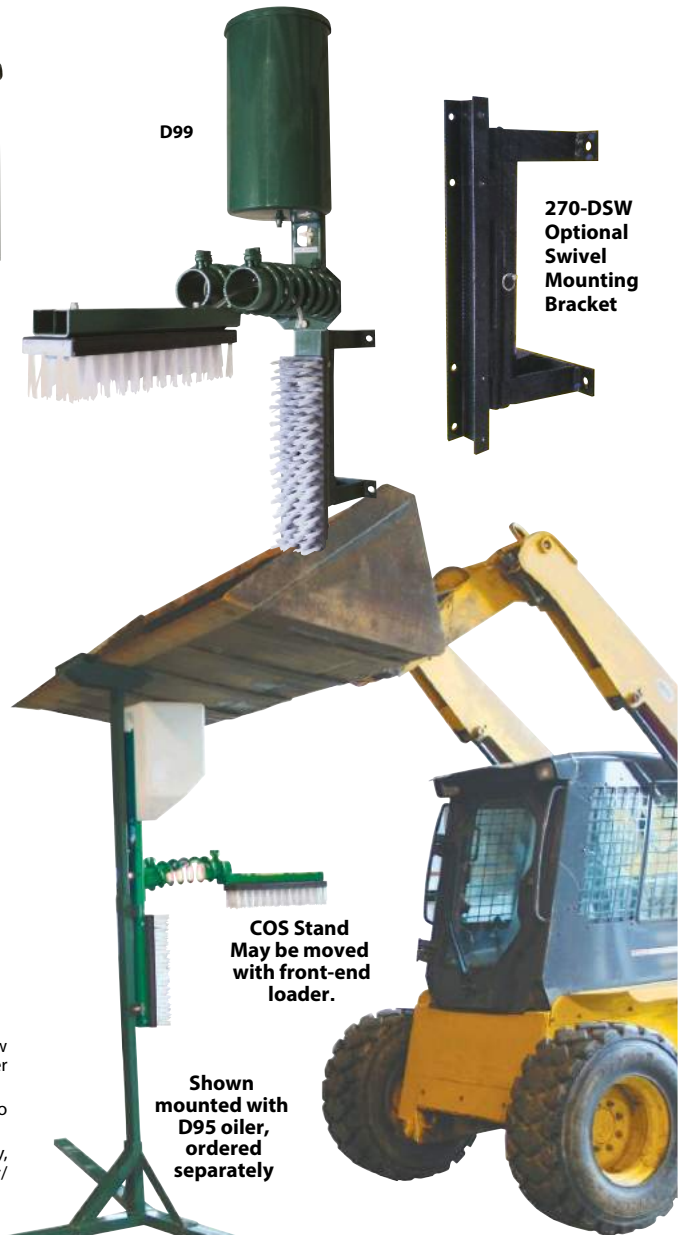


# Cattle Groomer/Scratchers

Cattle Groomer/Scratchers apply fly and pest control and provide a comfortable brushing action to the animal. Lice, flies and winter hair are removed while protective, effective pest control is applied to cow's back for dispersal throughout the coat. Use oil-based insecticide solution (not included). The solution tanks now have a valve to regulate oil supply to the upper brush.

The brushes on the Groomer/Scratchers are 18.5" by 4" with stiff bristles. Brushes are securely mounted in the metal frame for safety and durability, and the frame is easily attached to a wall or upright. The Double Spring model features two springs instead of one for "Double Muscle" – extra brushing power for very strong large cattle.

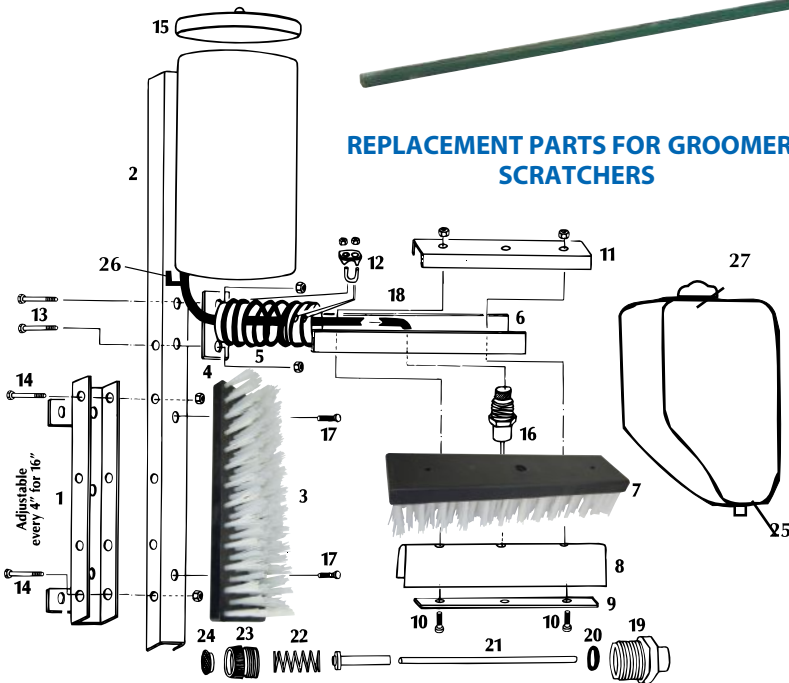
- D93** Single Spring Groomer/Scratcher without solution tank. Wt. 48 lbs.
- D95** Single Spring Groomer/Scratcher with plastic solution tank, 8 gallon capacity. Wt. 68 lbs.
- D91** Single Spring Groomer/Scratcher with steel solution tank, 5.5 gallon capacity. Wt. 79 lbs.
- D99** Double Spring Groomer/Scratcher with steel solution tank, 5.5 gallon capacity. Wt. 92 lbs.
- D93D** Double Spring Groomer/Scratcher without solution tank. Wt. 61 lbs.
- COS** Portable Groomer/Scratcher Stand made of 3" channel iron, 8 ft. base, 6 ft. high. Now improved with a plate at the top so entire stand can be moved with a front end loader. Order choice of Groomer/Scratcher separately. Wt. 128 lbs.
- 270-DSW** Optional Swivel Mounting Bracket. Pull one pin and move Groomer/Scratcher flat to the wall out of the way. Useful when cleaning the area with a skid steer. Fits all 5 models listed.
- 270-55** Double Spring Arm Assembly. Includes Brush, Brush Holder, Double Spring Assembly, Valve Assembly, Bracket and hardware. May be used to convert a Single Spring Groomer/Scratcher into Double Spring Model.



**COS Stand**  
May be moved  
with front-end  
loader.

**Shown**  
mounted with  
**D95** oiler,  
ordered  
separately

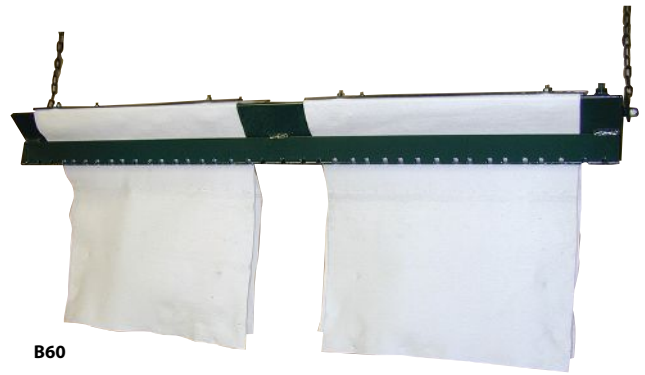
## REPLACEMENT PARTS FOR GROOMER / SCRATCHERS



Ref.#	Part #	Description
1	270-01	Wall bracket
2	270-02	Steel tank & frame for D91, D99
3	270-03	Side brush
4	270-04	Spring holder
4	270-04A	Spring holder f/ double spring
5	270-05	Spring
6	270-06	Top brush holder
6	270-06A	Top brush holder f/ double spring
7	270-07	Top brush
8	270-08	Felt cloth
9	270-09	Cloth holder
10	270-10	3/8 X 4" bolt
11	270-11	Support channel
12	270-12	Spring U-clamp
13	270-13	3/8 X 1" bolt
14	270-14	3/8" 4" bolt
15	270-15	Tank cover for steel tank
16	270-16	Complete valve
17	270-17	3/8 X 2" bolt
18	270-18	Valve to tank hose
19	270-19	Valve body
20	270-20	Valve o-ring
21	270-21	Brass with nylon stem
22	270-22	Valve spring
23	270-23	Adj. flow orifice
24	270-24	Screen
25	270-25	Plastic tank for D95
26	270-26	Tank shut-off
27	270-27	Plastic cap for plastic tank



**C30**



**B60**

## Cattle Oilers

Cattle Oilers are suspended from the barn ceiling. Cattle quickly learn to rub their backs against the steel notched bar, which releases the oil-insecticide solution to soak into the canvas flap. The single Oiler, model C30 is 30" long and has a 10 liter tank to fill with oil-based insecticide solution (not included). Larger model B60 is twice as large at 60" and 20 liter capacity. Comes complete with hanging chains, frame, tank and canvas.

**C30** Single Oiler, complete. Wt. 33 lbs.

**B60** Double Oiler, complete. Wt. 59 lbs.

**RC3060** Replacement Canvas for C30 or B60.

## Cow-Life Rubs for Cattle & Hogs



Practically labor-free - Simply hang the Rub and pour about 4 gallons of diesel insecticide mixture along its length. Insecticides are dispersed with the oil and can not settle out as in a reservoir-type oiler.

Cattle Rub is made of polyester and acrylic to be virtually rot-proof. A polypropylene rope with a breaking strength of 2700 lbs. runs its full length. Use it for flies, face flies and lice indoors or out. Hog Rub is similar in construction except the cover is a double thickness of orlon and acrylic.

**1022R** Cattle Rub, 10 ft. long, 4" diameter. Wt. 15 lbs.

**1024H** Hog Rub, 5 ft. long, 4" diameter. Wt. 5 lbs.

## Face Flyps

FOR BETTER  
FACE FLY CONTROL



Attach Face Flyps about 6 inches apart on Cow-Life Cattle Rub to control face flies. Rot-proof Dupont Orlon Flyps pick up the insecticide from the Cattle Rub. Cows seek out Face Flyps for their effectiveness.

**1023F** Pkg. of 22 Face Flyps. Wt. 1.25 lbs.

## Fly Bullets

FOR BETTER  
FACE FLY CONTROL



Soak each of the 15" x 4.5" Fly Bullets with about a pint of insecticide, hang them in front of feeder or other opening. University tests show Bullets are very effective. Made of DuPont Orlon for maximum durability.

**102FB** Fly Bullets. Ctn. of 4. Wt. 7 lbs.





## Clipmaster

Powerful, well-balanced Clipmaster has plenty of power for horses, cattle or dogs. Grease-packed needle bearings keep this workhorse clipper lubricated for 100 hours while zinc die-cast fans and excellent airflow design keeps head temperatures low. A 7 to 1 gear ratio gives superior torque and performance. Improved tension knob allows for easier blade adjustment. New colored housing has soft-touch coating on the bottom for better comfort and control.

Single Speed model delivers 3000 strokes per minute. Variable speed has infinite settings for 700 to 3000 cutting strokes per minute. Clipmasters come complete with 15 ft. heavy insulated power cord, blades, and extra air intake screen, all packed in a large heavy plastic compartment-style carrying case. UL listed. 120VAC.

**78150-003** Single Speed Clipmaster, Black, complete. 10 lbs.  
**78150-013** Variable Speed Clipmaster Blue, complete. 10 lbs.



- updated colors
- soft-touch bottom housing
- easy-to-use tension knobs
- carry case with compartments
- heads and motors are interchangeable



Carrying Case Included

## Showmaster & Shearmaster



3" heads



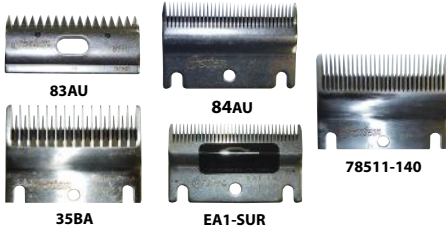
Light, maneuverable Shearmaster and Showmaster are the choice of sheep-shearing professionals and hobby sheep farmers the world over. Powerful motor, head and combs give high quality job with few second cuts in the fleece. Grease-packed needle bearings keep these clippers lubricated for 100 hours before they need servicing. Zinc die-cast fans and better airflow design keep head temperatures low. Clearly marked tension knobs allow for easy blade adjustment. 7 to 1 gear ratio gives superior torque and performance. New "cool" colored housing has soft-touch coating on the bottom for better comfort and control.

Shear and Showmasters come complete with heavy insulated 15 ft. cord, cutter, comb and extra air intake screen, all packed in large heavy plastic compartment-style carrying case. Shearmaster delivers 3000 cutting strokes per minutes, while the variable speed Showmaster is infinitely adjustable from 700 to 3000. May be used with any 3-inch combs and cutters, shown below. 120 volts, AC-DC. UL listed.

**78153-003** Single Speed Shearmaster Yellow, complete. Includes P1082 comb and 34AB cutter. Wt. 10 lbs.  
**78153-013** Variable Speed Showmaster Grey, complete. Includes P7112 comb and P2311 cutter. Wt. 10 lbs.



## Clipmaster Blades



Sold in clamshell packaging.

**78511-016** Top Blade, 83AU.  
**78511-026** Bottom Blade, 84AU.  
**78511-126** Combo Pack. One each above.  
**78511-046** 35BA Plucking Skip Tooth Blade for dogs, cows and horses. Leaves 3/8" stubble.  
**78511-036** EA1-SUR Surgical Blade.  
**78511-140** Similar to 35BA but with Full Tooth. Leaves no stubble.



Heiniger Blades are preferred by professionals because they last longer between sharpenings. Blades fit Oster/Sunbeam Clipmasters and Andis/Heiniger Clippers. See illustrations and details by Andis Large Animal Clippers.

**70325** Blade Set 31-tooth comb, 15-tooth cutter.



## Blades for 2-1/2" heads



New "Cryotite" blades are coated with titanium for longest blade life. These blades fit 2-1/2" Showmaster and Shearmaster head, now discontinued. Packed each in clamshell packaging.

**78534-016** PC3 Cutter. Clamshell pack of 1.  
**78534-036** PC10 Comb. Clamshell pack of 1.  
**78534-066** PC17 17-Tooth Goat Comb for close, smooth show trimming. Clamshell pack of 1.



## Replacement Heads & Motors

### Clipping and Shearing Heads

**78150-513** Clipping head for cattle and horses. 83AU and 84AU blades included. Wt. 2 lbs.  
**78153-313** 3" Sheep shearing head without blades. Takes all 3" combs and 4 point cutters.

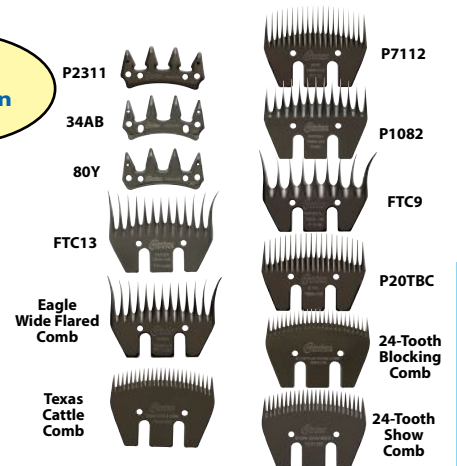
### Motors

**78150-323** Single Speed motor for Shearmaster and Clipmaster. 110VAC, AC-DC, with 15' cord.  
**78150-123** Variable Speed Motor for Showmaster and Clipmaster. 110VAC, AC-DC, with 15 ft. cord.

**Heads and motors are interchangeable.**



## Show/Shearmaster Blades for 3" heads



New "Cryotite" blades are coated with titanium for longest blade life. Packed each in clamshell packaging.

**78555-036** P2311 4 pt. Diamond Cutter.  
**78555-056** 34AB 4-Pt. Wide "AAA" Cutter.  
**78555-046** 80Y 4-Point thin-heel Cutter.  
**78554-056** P7112 20-Tooth Goat Comb.  
**78554-016** P1082 13 Tooth Arizona thin Comb.  
**78554-196** FTC9 9-Tooth flared Comb.  
**78554-186** FTC13 13-Tooth flared Comb.  
**78554-216** Eagle 13-Tooth flared Comb, extra wide.  
**78554-096** P20TBC 20-Tooth blocking Comb.  
**78554-296** Texas cattle Comb.  
**78554-226** 24-Tooth show Comb.  
**78554-236** 24-Tooth blocking Comb.

Animal Care

## Golden A-5



## A-5 Clippers

Versatile mid-size Clipper/Trimmer for large animals

## Turbo A-5



78005-010

78005-140

Oster's A-5 Large Animal Clippers have been improved with several features for heat and noise reduction making them cool, smooth-running and quiet yet powerful for both general clipping and finish work. Improvements have been made to the gear box cover, end cap torque standards, cooling fan, and brush and washer materials.

Cleaning and sterilizing of blades is made easy with the detachable blade feature and no tools are required. Blade is mounted on a swingable tongue and held securely by an exclusive "blade lock latch".

Two speed models have a second faster speed which is good for all-over body clipping, while the regular speed is best for precise clipping and finishing. Note SPM's (strokes per minute) given below. All models are UL listed and operate on 115 volts, AC or DC current with 45 watts of power. Clippers are approx. 2" diameter by 8" long. All models come with regular #10 Cryogen-X™ blade set, extra brush and spring assembly, oil, grease, blade guard and cleaning brush. Wt. 2 lbs.

If a wider cutting blade is desired, order the Wide #10 blade set #78919-446, shown below.

**78005-010** Single Speed Golden A-5 Clipper (2100 SPM) complete.

**78005-140** Two Speed Golden A-5 Clipper (2700 SPM) complete.

**78005-301** Single Speed Turbo A-5 Clipper (3100 SPM) complete.

**78005-314** Two-Speed Turbo A-5 Clipper (4000 SPM) complete.



Head shown with optional Wide #10 Blade



78005-301

78005-314



**Power Pro Ultra Cordless Clipper**

Power Pro Ultra Cordless Clipper maximizes the Oster combination of power, speed and sweep in a lightweight cordless clipper. Unit weight is only 1.3 lb. It is ultra comfortable with ergonomic design and soft-touch grip. Battery life is 50% improved. Power Pro Ultra comes complete with extra rechargeable battery, charging stand, oil, blade guard, cleaning brush, detachable #10 CryogenX blade and carrying case. Any A-5 blade may be used with Power Pro.

**78400-020** Power Pro Ultra Cordless Clipper, complete. Wt. 5 lbs.

**78400-101** Power Pro Battery only. Wt. .8 lb.



**Saphir Cordless Clipper**

The Saphir Cordless Clipper is a powerful, ergonomic, rechargeable clipper designed for all-day, heavy-duty use. The Saphir clipper offers a reliable and strong 35 watt permanent magnet motor and blade speed of 2650 double strokes per minute. Featuring a high performance battery with the latest no-memory lithium ionic technology, the Saphir clipper will run continuously for 1-1/2 hour with fully charged battery and recharge fully in one hour. Solid, durable charger unit has charge indicator and separate charging bay for second battery pack. Detachable Saphir blade system is compatible with any A-5 blade. 3 year warranty. Saphir Cordless Clipper comes complete with 2 Li-Ionic batteries, charging unit, 2 A-5 clipping blades, oil, brush, and carrying case.

**154400** Saphir Cordless Clipper, complete. Wt. 4.05 lbs.

**154401** Replacement Battery.



**Power Max**

Featuring contoured shape, easy grip and lightweight design, the PowerMax Two-Speed Clipper is strong enough to handle tough clipper jobs. Top speed is 4200 strokes per minute for a quick efficient job. Strong but compact, PowerMax is 6.5" long, weighs only 1.6 lbs. and may be used with any A-5 blade. PowerMax Clipper is boxed complete with size 10 detachable blade, 2 replacement drive tips, lubricating oil, blade guard, and cleaning brush. Wt. 2.25 lbs.

**78004-011** PowerMax 2-Speed Clipper, complete. Wt. 2.4 lbs.



**Volt Lithium + Ion Clipper**

The Oster Lithium+Ion Volt clipper is designed with heavy duty cordless power and long usage in mind. This product features a detachable Li-Ion battery that runs up to 1 hour on a single charge, while also providing quick charge capability to further extend your cordless cutting time. The charging dock even includes an extra spot for charging an additional battery (order separately). Comes complete with charging dock, battery, #10 detachable blade, cleaning brush, grease and oil. 8" long x 1.75" wide x 1.5" diameter. Use with any A-5 blade.

**78004-000** VOLT Lithium+Ion Clipper. Wt 3 lbs.

**78004-030** Replacement Battery.

Animal Care



**Universal Comb Set**

Oster Universal Comb attachments are designed to fit Oster clippers and most other clippers that use snap-on (no tools required) blades. With the Universal Comb, the desired length of cut is consistent and even. Ten different comb sizes from 1/16" to 1-1/4" and handy storage pouch carry bag are packaged in a clear clam-shell shelf pack.

**78900-600** Universal Comb Attachment Set with Storage Pouch, display packaged.

## A-5 Replacement Blades

for Oster A-5, PowerPro, Saphir and PowerMax Clippers

New Cryogen-X™ blades are improved for friction reduction and long-lasting sharp edge. For longest cutting life, choose Elite Cryogen-X™ Blades enhanced with a titanium coating. Blades now have built-in antimicrobial protection to reduce growth of bacteria, mold and mildew.

CryoGen-X	Elite Cryo-Gen X	Opti-Block Blade	CryoGen-X™ Blade Set	Elite Cryogen-X™ Blade Set	Size	Stubble Length
			<b>78916-546</b>		Opti-Block Blade	
			<b>78919-066</b>		#5 Coarse, Skip Tooth	1/4"
			<b>78919-176</b>		#5 Full Tooth, Finishing	1/4"
			<b>78919-056</b>	<b>78919-566</b>	#7 Coarse, Skip Tooth, corduroy	1/8"
			<b>78919-166</b>		#7 Full Tooth, Finishing	1/8"
			<b>78919-146</b>		#8-1/2, Ideal for terriers	3/32"
			<b>78919-046</b>	<b>78919-516</b>	#10 Medium, underbody, face	1/16"
			<b>78919-446</b>		Wide #10 for faster grooming	1/16"
			<b>78919-036</b>	<b>78919-526</b>	#15 Medium close, horses, cattle	3/64"
			<b>78919-026</b>	<b>78919-556</b>	#30 Close, for show, udders	1/50"
			<b>78919-016</b>	<b>78919-506</b>	#40 Very Close, surgical, udders	1/100"
			<b>78919-006</b>		#50 Very Close, surgical	1/125"





# Large Clippers FOR CATTLE HORSES & DOGS



**"PROGRESS" SINGLE SPEED CLIPPER** The powerful show-grade Progress Clipper is a durable, cool and quiet tool. Quick blade tension adjustment, a slim grip and a lightweight design simplify handling and control. Hardened steel blades ensure long-lasting performance and a 12 ft. cord enables convenient movement around large animals. Clipper itself weighs only a little over 2 lbs. 70225 blade included. Single speed, 2,200 SPM. Kit includes hard case, blade brush, screwdriver and blade oil.

**68070** "Progress Single Speed Clipper, complete kit. Wt. 7.5 lbs.

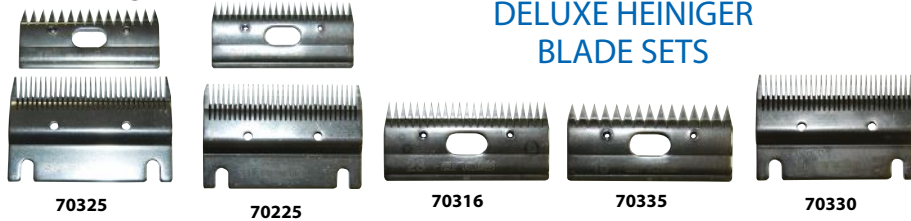
**"XPERIENCE" LARGE ANIMAL CLIPPER** The powerful rotary motor makes the "Xperience" Clipper perfect for use on cattle and horses. Blades are interchangeable for all grooming needs. The innovative connection between the clipper head and housing reduces noise and vibration. Quick tension adjustment and contoured housing make this clipper user-friendly. Clipper itself weight 2.5 lbs. 70225 blade included. Single speed, 2,500 SPM. Kit includes hard case, blade brush, screwdriver, and blade oil.

**68050** "Xperience" Single Speed Clipper, complete kit. Wt. 7.75 lbs.

**"XPLORER" RECHARGEABLE CLIPPER** for cattle, horses and dogs, is designed to provide an excellent balance of lightness and power. The "Xplorer" Rechargeable Clipper features lithium ion technology providing the user with two hours of non-stop runtime on two hours of charge time. Quick tension adjustment and contoured housing make this clipper user-friendly. Interchangeable blades for grooming cattle and horses. Clipper itself weighs a bit over 2 lbs. 70225 blade included. Single speed, 2,450 SPM. Kit includes hard case, blade brush, screwdriver, blade oil and charger stand.

**68080** "Xplorer" Rechargeable Clipper, complete kit. Wt. 8.5 lbs.

**68085** Replacement Battery for "Xplorer" Rechargeable Clipper.



## DELUXE HEINIGER BLADE SETS

Deluxe Heiniger blades last longer between sharpenings. Blades fit all Andis Clippers shown above as well as the Oster (Sunbeam) Clipmaster.

**70325** General Purpose Blade Set with 31-tooth comb, 15-tooth cutter.

**70225** Andis General Purpose Blade Set with 31-tooth comb, 23-tooth cutter.

**70316** Andis #23 Top Blade

**70335** Andis #15 Top Blade

**70330** Andis #31 Bottom Blade



# Sheep & Cattle Shearer



The "Xpedition" Shearer has an innovative connection between the clipper head and housing which reduces noise and vibration benefitting the user and the animal. Quick tension adjustment knob and interchangeable blades provide an array of grooming options for sheep or cattle. Patented floating fork system extends comb and cutter life. Shearer weighs 2.5 lbs. Single Speed, 2,500 SPM, 70300 cutter and 70310 comb included. Complete kit includes durable hard case, blade brush, screwdriver, and blade oil.

**68090** "Xpedition" Sheep and Cattle Shearer, complete kit. Wt. 8 lbs.

**70300** Repl. Cobra Cutter

**70310** Repl. Ovina Comb

## Blade Sharpening Kit



**62-92000** Blade Sharpening Kit includes sharpening plate, sharpening compound, brush, instructions and carrying case. For standard blades and sheep combs. Wt. 4.7 lbs.

**62-96000** Extra 2 oz. jar of sharpening compound.

## Blade Care Products



**Kool-Lube III**

**76300-101** Kool-Lube™ III. Cools, lubricates and cleans clipper blades while you clip. Formulated to reduce heat, friction and blade wear without leaving a heavy residue of oil. Pressure spray can with safety cap. Net wt. 14 oz.



**Blade Wash**

**76300-103** Blade Wash. Specially formulated to flush hair from blades and remove congealed factory-applied preservative. Use while clipping to help keep clipper running perfectly. 18 oz. can, safety cap.

## Clipper Oil



**76300-104** Non-detergent 5-weight Lubricating Oil for Clippers, 4 oz. squeeze bottle.

## Clipper Grease



**76300-105** Grease for Clipper Gears especially for continuous use such as with A5 Clippers and Clipper/Trimmers. 1-1/4 oz. tube.

Animal Care



# Clippers & Trimmers FOR SMALL ANIMALS & DETAILING

78797-101



78033-000

**PRO-CORD/CORDLESS TRIMMER** is sleek, ergonomic, versatile, fits comfortably in the hand and may be used with the cord adapter (included) or in cordless mode when fully charged. Clipper comes complete with brush, two combs, an extra blade, oil, charging stand and cord adapter.

**78797-101** Pro Cord/Cordless Trimmer complete. Wt. 2.75 lbs. **76913-796** Replacement Blade

**PERFORMANCE CLIPPER** features a quiet but powerful pivot motor that cuts through wet or dry hair efficiently, while the ergonomic shape and soft touch grip reduces hand fatigue. New "Super Steels" blade technology keeps the blade sharper longer even when used on heavy coats. Clipper adjusts for close to medium clipping (1/16" to 1/2" or .5mm to 1.6mm) so is suitable for ears, face and body. Kit includes Clipper, grooming shears, 4 comb attachments, lubricating oil, instructional DVD and storage case. Wt. 3 lbs.

**78033-000** Performance Clipper complete. Wt. 1.4 lbs.

**76913-506** Repl. Blade Set, medium cut

**76913-536** Optional Blade Set, fine cut

**76913-796** Replacement Blade for discontinued Minimax Trimmer 78049-100.



68310



**PRO-CLIP PULSE ION CORDLESS CLIPPER** with lithium ion power for superior performance has up to 2 full hours of run time and recharges in one hour or less. Operates at an impressive 5,500 strokes per minute with 5-in-1 adjustable blade lengths: #9, #10, #15, #30, #40. Complete kit includes clipper, 4 attachment combs (1/4", 1/3", 3/8", 1/2"), stand-up charger with LED indicator light and soft zippered case.

**68310** ProClip Pulse Ion Clipper, complete. Wt. 2.6 lbs.

**68220** Replacement Lithium Ion Battery

**68215** Replacement Charging Stand

**68210** Replacement Adjustable Blade Set

### CORDLESS EASYCLIP Li ADJUSTABLE BLADE CLIPPER

Lithium-ion powered battery provides robust and long-lasting power. Two hours of run time from a 90 minute charge. Cord/cordless feature allows for uninterrupted grooming. Clipper weight is less than 10 oz., perfect for lightweight and ergonomic use that won't weigh you down! High-speed adjustable blade (30 to 9) allows for versatility. Clipper kit includes charging adapter, six attachment combs (1/8", 1/4", 3/8", 1/2", 3/4", 1"), blade guard, blade oil and durable storage care. Shipping weight 5.9 lbs.

**73015** Cordless EasyClip Li Adjustable Blade Clipper **66240** US-1 Replacement Blade Set

**AGR VET-PAK CLIPPER** is a powerful, cordless rechargeable clipper which runs continuously for one hour with a fully charged battery pack. Cool operation without fans so that hair won't be blown into wounds or incisions. Features detachable blades, quiet operation, on/off switch with lock and a break-resistant housing contoured to fit your hand comfortably. No oiling or greasing of internal parts is needed. Kit comes complete with size 40SS surgical stainless steel blades, two high capacity battery packs for cordless use, car adapter, compact charging stand, 4 oz. of clipper oil, hard carrying case and instructions. Oster A-5 blades will fit this clipper. One year limited warranty. 120V, 60Hz, AC. Made in USA, UL/CUL listed.

**65340** AGR Vet-Pak Clipper Kit, complete. Wt. 5.7 lbs.

**PRO-PET CLIPPER** This small, light-weight dog clipper has a rotary motor that provides uniform speed and power in both cutting strokes. 3700rpm motor is maintenance-free and the housing is break-resistant and contoured to fit your hand. Blades are detachable for easy changing and cleaning. Clipper comes with size 10 UltraEdge blade but will take any A-5 replacement blade. Complete kit includes instruction book with pet grooming tips, size 10 blade, four attachment combs, clipper oil, and sturdy carry case. UL-approved. Clipper alone weighs 1 lb. Replacement blade is part number 78919-046.

**21485** Pro-Pet Clipper, complete. Wt. 2.5 lbs.

**AGC SUPER 2-SPEED CLIPPER** has several special features including a locking blade-hinge, easy-off drive cap for cleaning and maintenance, sealed direct-drive motor, locking switch and rounded, comfortable shape. The 2nd speed operates at an astounding 4,000 strokes per minute. This Clipper accepts all A-5 Oster blades. Packed with cord, oil, spare blade drive assembly and instructions. 120V.

**22360** Andis AGC Super Two-Speed Clipper, complete, boxed. Wt. 2.3 lbs. **64071BL** Replacement Blade Set, size 10.

**D-4 RECHARGEABLE HORSE TRIMMER** includes 4 attachment combs, super fine tooth stainless steel blades for close trimming, Ni-MH battery for superior performance and stand-up charger. Handy clipper is powerful but small at just under 7 inches long. Includes instructions and tube of oil.

**32130D** D-4 Rechargeable Horse Trimmer, complete, in clamshell pack. Wt. 1.3 lbs.

**32355** Replacement Blade for D-4 Clipper.

**CORDLESS CLIPPER/TRIMMER** is a lightweight rotary-motor gear-driven animal clipper/trimmer. Clipper motor runs at a powerful 5500 strokes per minute yet is quiet and cool-running. No spray coolant is required. The precision ground high carbon steel detachable blades are fully adjustable to 5 cutting positions from #9 to #40. Complete Kit includes Clipper, 2 drop-in nickel cadmium rechargeable battery packs, charging base with indicator light, 4 attachment guide combs: #3 (3mm) 1/8" cut, #6 (6.5mm) 1/4" cut, #9 (9.6mm) 3/8" cut, #12 (12.2mm) 1/2" cut, cleaning brush, lubricating oil, blade guard and instructions.

**8786-450** Moser Arco™ Trimmer

**00114-300** Replacement Rechargeable Battery

**2179-300** Replacement Blade, fine cut

**2179-400** Optional Blade, coarse cut

Animal Care



Moser Arco™

8786-450

WAHL®



9705-100



9482-500

**PRO ION RECHARGEABLE CLIPPER** Pro Ion Rechargeable Clipper features lithium ion technology for optimal battery performance. Rotary motor provides professional grade clipping with up to 6,000 SPM and up to two hours of runtime. Full charge takes 3 to 5 hours and a quick-charge option takes 15 minutes and gives up to 10 minutes additional runtime. Ergonomic design provides comfort and ease when grooming. High performance blade adjusts to sizes #10, #15 and #30. One-year limited warranty with a 30-day satisfaction guarantee. Complete kit includes Clipper, adjustable blade, equine grooming DVD, stainless steel scissors, black clipper blade guard, cleaning brush, blade oil, instruction manual in English & Spanish and durable storage case. Made in USA.

**9705-100** Pro Ion Lithium Ion Rechargeable Clipper, complete kit. Wt. 1.5 lbs.

**1037-600** Repl. Adjustable Blade Set, 10-15-30, for Pro Ion Clipper.

**SHOW PRO PLUS ADJUSTABLE CLIPPER** has long been popular with horse owners for its rugged dependability, cool quiet power and great value. The electromagnet medium duty motor runs smoothly and blade adjustability at the flick of a thumb makes for easy trimming and touch-up. The Clipper comes as a complete kit including high carbon steel adjustable blade set (30-15-10), blade guard, clipper oil, cleaning brush and instructions.

**9482-500** Show Pro Plus Adjustable Clipper, complete. Wt. 1.5 lbs.

**1037-400** Repl. Adjustable Blade Set (30-15-10).

**1037-600** Adjustable Blade Set 10-15-30, optional. **1038-100** Adjustable Blade Set (9-81/2-8 for blocking).





# Grooming Brushes



DB35



DB32



DB30



DB37



DB50



DB36



DB65



DB90



DB92



DB95



DB96

**Decker Grip-Fit® Grooming Brushes feature comfortable molded plastic hand grips colored light tan to complement both neutral and colored bristles. Full-size grip brushes are approximately 8.5" long and the smaller sizes are 6.5" long. Brushes with hand strap are 7.5" long. Bristle trim is 2" unless otherwise noted.**

**DB35** Stiff Synthetic Rice Root bristles for heavy dirt removal

**DB32** Medium Soft Blue Crimped Synthetic bristles for general grooming.

**DB30** Soft Black Polystyrene bristles with longer 3" trim. Excellent for mane and tail.

**DB37** Soft Hunter Green Synthetic Polyester bristle for general grooming.

**DB50** Soft Natural Bleached White Tampico bristles for natural finish grooming.

**DB36** Very Soft Aqua Synthetic bristles for finish grooming.

**DB65** Extra Soft Horse Hair Blend bristles for softest touch in finish grooming.

**DB90** Very Stiff Palmyra Fiber bristles for heavy dirt removal. 1.5" trim. Brown web hand strap.

**DB92** Medium Stiff Union Fiber bristles. 1.5" trim. Brown web hand strap.

**DB95** Medium Crimped Synthetic bristles, assorted colors, 1.5" trim.

**DB96** Medium Stiff Natural Union Fiber bristles.

## Professional Grooming Kit



**DB8000** Eight-piece Professional Grooming Kit, boxed. Wt. 5 lbs. Kit includes:

- Spiral Steel Curry Comb (No. 155)
- Deep Massage Plastic Curry Comb
- Mini Rubber Curry Comb
- Mane & Tail Comb, 9" Plastic
- Synthetic Bristle Finish Grooming Brush (DB36)
- Crimped Synthetic Blue Bristles Grooming Brush, 1.5" trim. (DB95)
- Palmyra Fiber Bristle Brush for pre-grooming. With brown hand strap. (DB90)
- Hoof Pick, 5.5" long

## Sheep Shears



Sheep Shears feature sharp steel blades, coated handle and double bow blades.

**32-445** Sheep Shears, 6.5" long blades, 13.5" overall length. 1 lb.

**32-447** Sheep Shears, 5" long blades, 12" overall length. 15 oz.

## Marking Scissors



**CP0149** Fine quality 7" Scissors for cattle marking and small animal trimming. Offset handles. Wt. 3 oz.

## Sarvis-Style Curry



89

**89** Sarvis style Deep Massage Curry Comb. flexes to body contours, removes deep-seated dirt and loose hair. Color may vary. Wt. 8 oz.

## Washer-Groomer Comb



91

**91** Washer-Groomer Comb. Attach to hose to add water flow action to a deep bristle massage. Color may vary. Wt. 8 oz.

## Curling / Dressing Comb



**1093** Nylon Curling/Dressing Comb designed for grooming livestock. Smooth, strong teeth, for any length hair. 8.5" long by 2" wide. Color may vary. Wt. 2 oz.

## Combo Shedder/ Sweat Scraper



1126

**1126** Quick Shedder/Scraper with flexible stainless steel blade and brown plastic handle. Fine sharp teeth on one edge removes matted hair quickly leaving clean undercoat. 11" overall. Wt. 5 oz.

## Circular Reversible Steel Curry



Circular Reversible Curry Comb has four loops of bands with teeth top and bottom. Easy-grip handle is made of strong poly.

**155** Curry comb, lacquered spring steel. 9 oz.

**155T** Curry comb, stainless steel. Wt. 9 oz.

## Scotch Combs



C12200

C12009

The teeth on these Scotch Combs are slightly longer than most. 6" Combs have 40 teeth; 9" Combs have 58. Choose wood or aluminum handle.

**C12014** 6" Scotch Comb, aluminum handle.

**C12200** 6" Scotch Comb, wood handle.

**C12009** 9" Scotch Comb, aluminum handle.

**C12100** 9" Scotch Comb, wood handle.

## Sweat Scraper



**5332** Plastic Sweat Scraper with rubber squeegee-type blade for quick removal of sweat. Measuring 10" by 8.25", plastic frame and handle.

## Flexible Rubber Curry Comb



33

**33** Flexible Rubber Curry. Give stimulating rub for healthy skin, removes dirt and loose hair. Wt. 8 oz.

## King Size Curry Comb



**31** King Size Reversible Curry with six bands of notched spring steel. Covers more area for quicker currying. Easy grip poly handle. Overall length of comb, 10". Wt. 15 oz.

## Mane Comb



**1015** 20 tooth aluminum Mane Comb does the job and is well-balanced in the hand. 4" long by 2" wide. Wt. 2 oz.

## Dual Mitt Grooming Glove

2854



**2854** Dual Mitt Grooming Glove. Nylon bristles one side, rows of soft massaging tips on the other for cleaning and stimulation. Made of soft rubbery plastic. Color may vary. Wt. 7 oz.

## Grooming Mitt



1168

Grooming Mitt may be used in either right or left hand. Soft red rubber with knobby texture for effective grooming. Conforms to every part of the animal.

**1168** Grooming Mitt. Wt. 5 oz.



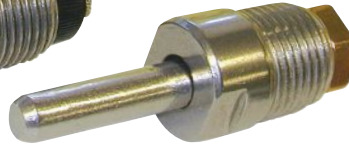


# Pig Nipple Waterers

Manufactured Under Strict Quality Control  
and Competitively Priced



CP10



CP11



CP13



CP14



CP15



CP16



CP17



CP21

## WE STOCK ALL REPLACEMENT PARTS

**CP10** 1/2" Pig Nipple Drinker. Adjustable flow orifice—no need to change orifices to regulate water flow. Made of superior type 303 non-magnetic Stainless Steel. 3 oz.

**CP11** 1/2" Feed Wetting Nipple. Stainless Steel construction. 2 oz.

**CP13** 1/2" Pig Nipple Drinker. Adjustable flow orifice—no need to change orifices to regulate water flow. Stainless Steel construction. 3 oz.

**CP14** 1/2" Pig Nipple Drinker. Adjustable flow orifice - no need to change orifices to regulate water flow. Stainless Steel construction. 3 oz.

**CP15** 1/2" Pig Nipple Drinker. Adjustable flow orifice—no need to change orifices to regulate water flow. Brass/Stainless Steel construction. 4 oz.

**CP16** 3/8" Baby Pig Nipple Drinker. Brass/Stainless Steel construction. 2 oz.

**CP17** 1/2" Baby Pig Nipple Drinker with 1/4" guard. Adjustable flow orifice—no need to change orifices to regulate water flow. Brass/Stainless Steel construction. 2 oz.

**CP21** 1/2" Pig Nipple Drinker with 3/8" guard. Adjustable flow orifice—no need to change orifices to adjust water flow. Brass/S.S. construction. 2 oz.

**RKND** Repair Kit for CP10, CP13, and CP15. Contains 2 each CD100 Screen, CD200 Flow Control, CDS Spring and BNDB O-Ring.

## PARTS



CD100 Screen  
For all models  
except CP16



CD200 Flow  
Control  
For all models  
except CP11, &  
CP16



XYZ-PS  
Screen  
For CP16



XYZ-AR Flow  
Control  
For CP16



456 Spring  
For CP14



XYZSP Spring For CP16



CD300 Spring  
For CP21 & CP16



452 O-Ring  
for CP14



BPN5 O-Ring  
For CP17



CDS Spring  
For CP10, CP11, CP13,  
CP15



BPN3 Spring  
For CP17



BNDB O-Ring  
For all models except  
CP14, CP16, CP17



XYZO  
O-Ring  
For CP16

## Adjustable Nipple Drinker Brackets

Improved heavy-duty adjusting brackets for nipple drinkers are made of galvanized pipe. Spring-lock permits easy fingertip height adjustment for proper drinking angle for growing pigs. All models have 1/2" male pipe threads for water lines and 1/2" female threads for water nipple drinkers.

**HAB-26** Galvanized Steel Bracket with 26" pipe for single drinker. Wt. 4 lbs.

**DAB-24-1** Galvanized Steel Bracket with 24" pipe for double drinker in one pen. Wt. 5 lbs.

**BND2** Fastening bracket only for pipe drinkers. Wt. 2 lbs.



DAB-24-1



HAB-26



BND2

## Plumbing Kit



For quick, easy connection to water lines for all types of watering devices. In-line shut-off enables water shut-off at at reachable level without needing a ladder. Kit is supplied with 6 ft. of 3/8" OD hose. Saddle clamp will fit 1/2", 3/4" or 1" main lines.

**PK** Plumbing Kit with 1/2" pipe thread outlet coupling. Wt. 8 oz.

## Push-Button Hog Bowl



Cast iron bowl with brass push-button water valve. The non-siphoning valve has a built-in water flow control. Push-button watering is becoming popular because there is no paddle to wear out or become jammed with dirt, hay, etc. This bowl is self-cleaning and trouble free - big enough for sows and small enough for little pigs. Bowl has 3/4" male NPT connection. Recommended water pressure 50 PSI. Repair parts available.

**75** Hog Waterer. Wt. 4.5 lbs.

**75HBV** Complete Push Button Valve.

**75B** Replacement bowl only.

**WE STOCK ALL REPLACEMENT PARTS**

## Ring-O-Matic Hog Catcher



**212D**

Made for one-person use, Ring-O-Matic Hog Catcher has smooth, sanitary cable on steel handle. Shaft is 22" long. Self-locking feature allows for quick, easy, sure snaring of animal.

**212D** Ring-O-Matic Hog Catcher. Wt. 3.5 lbs.

## Hog Rings & Ringer



**OPEN**

**CLOSED**

The hump-style Hill's rings are made with a light curve or "Hump" in the center to close more easily. Coppered steel wire, pointed sharp and available in 3 sizes. Packed 100 per display box.

**7801** Rings for Pigs. Box of 100, 6 oz.

**7802** Rings for Shoats. Box of 100, 7 oz.

**7803** Rings for Hogs. Box of 100, 8 oz.

### HOG RINGER

Malleable iron, nickel plated Hog Ringer has steel spring enclosed in body. Thumb screw adjustable to fit all sizes. of rings. Carded for pegboard display.

**7804R** Hog Ringer. Wt. 6 oz.

## Ear Notchers



**7000**

**7125  
7130**

**7235**

- **Lightweight die cast aluminum**
- **Hardened, tempered ground cutting plates for good clean notch**

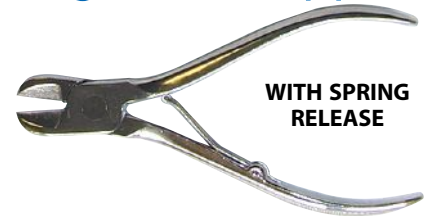
**7000** Small Notcher. Cuts V-type notch, 5/16" wide at base. Wt. 4 oz.

**7125** Medium Notcher with adjustable depth gauge for depth of cut. Cuts V-type notch 1/2" wide at base. Wt. 8 oz.

**7130** Medium Notcher same as above with U-type notch. Wt. 8 oz.

**7235** Large Notcher with adjustable depth gauge. Cuts V-type notch 1-3/16" wide at base. Wt. 1 lb.

## Pig Tooth Nipper



**WITH SPRING RELEASE**

This tool is especially made for clipping baby pig needle or wolf teeth. Prevents sucking pigs from injuring sow teats and udders. Helps avoid sow crushing pigs; aids pigs to suckle and get a good start. Steel forging, 6" size, completely chrome-plated, featuring a spring release, this is a nicely-finished quality product at a good price.

**J42-H** Pig Tooth Nipper, poly bagged. Wt. 4 oz.

## Pig Tooth Nipper



**STAINLESS STEEL**

Stainless steel Pig Tooth Nipper maintains a sharp, clean cutting edge forever. Especially for clipping baby pig needle or wolf teeth, use of the tooth nipper prevents injury to teats and encourages baby pigs to suckle.

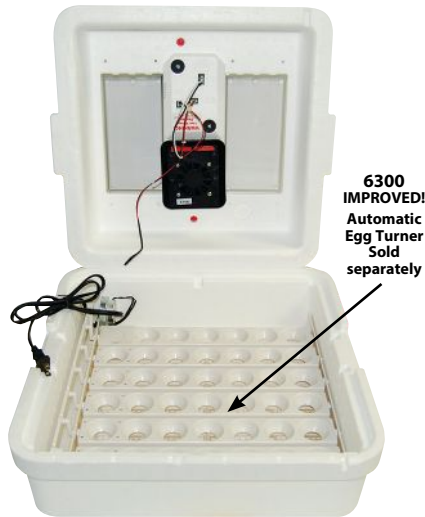
This quality instrument features spring release, excellent construction and beautifully polished stainless steel finish, at a very economical price. Tooth Nipper is 6" long.

**CP8060** Stainless Steel Tooth Nipper. Wt. 4 oz.



# Digital Incubators

For Chicks, Ducks, Turkeys & most Fowl



**11300 Incubator includes  
7300 Fan Kit & 6300 Egg Turner**

A high tech, cost effective table-top incubator for hobbyists or specialized breeders hatches eggs under controlled conditions. Each incubator features:

- Digital control board for easy, one-touch temperature setting
- Built-in digital hygrometer measures humidity
- Self-regulating temperature control helps maintain a consistent temperature
- LCD display with LED light shows accurate readings instantly
- Plastic screen for easy cleaning, will not rust or warp
- Improved safety features
- 41-120 egg capacity when used with 6300 Egg Turner
- Housing made of recyclable and insulating polystyrene foam

**9300** Digital Control Still-Air Incubator, complete. Wt. 3.5 lbs.

**10300** Digital Circulated-Incubator with built-in Fan.

**11300** Digital Circulated Air Incubator with Egg Turner and fan.

**7300** Forced-Air Fan Kit with Heater for new Digital Incubators only.

## Automatic Egg Turner

During incubation, eggs must be turned 2 - 3 times daily. The automatic turner runs very slowly and makes one complete revolution every 4 hours. Egg rails snap in and out easily and are dishwasher safe. Capacity for 41 large hens' eggs. Quail egg rails available separately. Turner is not recommended for very large eggs.

**6300** Automatic Egg Turner, 115vac. Wt. 4 lbs.

**6302** Replacement Egg Rails for 120 small eggs such as quail.

## Plastic Egg Brush



A real innovation in hand egg brushes. The brush body is made of a rubber-like soft plastic so sandpaper band easily follows egg contour. Eliminates blind checks and cracks.

**701K** Plastic Egg Brush, complete.

**702K** Sandpaper replacement band.

# Egg Baskets

Basket design allows for easy cooling, washing and quick drying of eggs. It is made of heavy-duty coated wire to help prevent corrosion and is securely welded at every joint.

**EB8** Small Egg Basket, holds up to 3 dozen large eggs. 8" L x 8" W x 5" H.

**EB13** Large Egg Basket, holds up to 8 dozen large eggs. 13" L x 13" W x 6" H.



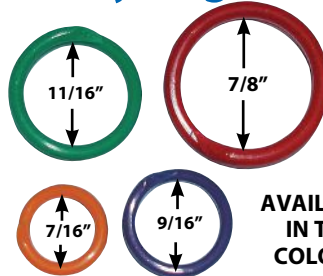
# Egg Candler



This durable, highly reflective can-style candler operates economically on one 60 watt bulb. Candler has a rubber cushion at the opening to hold egg safely and securely. Bulb holder is mounted at the bottom of the can. Bulb not included.

**FRZ-210** Egg Candler. Wt. 1 lb.

# Plastic Poultry Leg Bands



**AVAILABLE  
IN TEN  
COLORS!**

Best quality, heavy, round plastic rod. Resilient, non-brittle - with full overlap. Last much longer and will not fade. Packed in bags of 50. To specify color desired, please use Coburn Color Code Guide shown below.

**7KL** \* 7/16" ID for Bantams and growing chicks.

**9KL** \* 9/16" ID for large Leghorn hens.

**11KL** \* 11/16" ID for Plymouth Rock and R.I. hens, Leghorn cocks.

**14KL** \* 7/8" ID for Jersey Giant Cocks, Turkey hens, geese.

## \* HOW TO ORDER POULTRY LEGBANDS

Specify the color you wish by adding a hyphen and code number to the stock number. For example, 14KL-02 is a bag of 14KL legbands in yellow.

### Color Code Numbers

orange -01 yellow -02  
white -03 black -04 red -05  
blue -06 green -07 pink -08  
purple -09 brown -10

# Jiffy Egg Scale



Cheery chicken motif scale weighs chicken, duck, goose & turkey eggs. May also be used to weigh medication and feed supplements. Scale shows weight of eggs in both ounces and grams, and classifies chicken eggs into small, medium, large or extra large. 8" tall X 10" long.

**JWS-517** Jiffy Egg Grading Scale. Wt. 1.3 lb.

# Brooder Lamp Reflector



Heavy duty aluminum reflector complete with hanger and double-wire guard. High heat porcelain socket with 18/25JT 6 ft. UL listed cord (round vinyl).

**BJ204** Brooder Light Fixture. 120V, 60hz. 1 lb.

**250R40** Medium base infra-red heat lamp. 250 watts, 120V. Clear glass, glows yellow.

**250R30** 250W Infrared Brooder Heat Lamp, red.

# Thermometer Kit

**6303** Thermometer Kit with Mylar backing to keep on top of eggs. Filled with alcohol & kerosene, no mercury.



## Galvanized Hanging Feeders



**9144**  
Optional  
Cover



9112

This popular feeder is for all types of birds from starting pullets to full grown birds. The pan and feed tube are made of prime galvanized steel with smoothly rolled edges and do not require any bolts or nuts for assembly...they simply snap together. Has raised cone for easy feed flow. Hanging feeder allows for more floor space and keeps feed clean.

**9112** Complete Hanging Feeder, 12 lb. capacity, 12" pan, 10-1/4" overall height. Wt. 2.5 lbs.

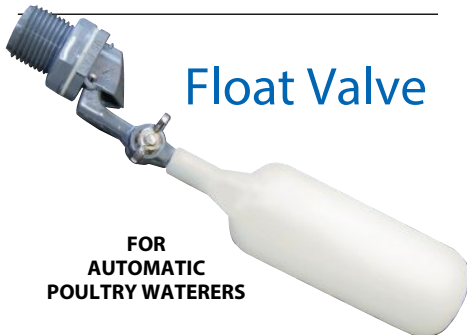
**9140** Feed Tube only for 30 lb. Feeder. Ht. 13".

**9143** Feed Pan only, 14" for 30 lb. Feeder. (Combine 9140 with 9143 to make a complete feeder with overall ht. 15-1/2". Wt. 4 lbs.)

**9142** Feed Tube only for 40 lb. Feeder. Ht. 19".

**9173** Feed Pan only, 17", for 40 lb Feeder. (Combine 9142 with 9173 to make a complete feeder with overall ht. 21-1/2". Wt. 6 lb.)

**9144** Cover for Feeder. Fits all sizes.



## Float Valve

FOR  
AUTOMATIC  
POULTRY WATERERS

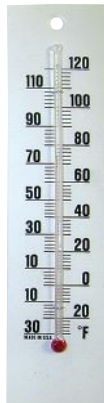
The new improved Float Valve is made of all plastic to cut down on corrosion and scale build-up for longer life at top accuracy. The valve seat rotates for extended life. Sturdy and easy to clean Float Valve uses inlet pipe thread 1/2" male x 1/4" female. Float and arm are molded of high-impact styrene and the valve body is Delrin. Overall length is about 6".

**53WV** All Plastic Float Valve. Wt. 5 oz.

## KUHL Poultry Brooder Thermometer

Low cost brooder thermometer enables the use of a fresh, new, fully accurate thermometer each year. Has very large numbers for easy reading. Recommended temperatures are approximately 94°F during the 1st week, gradually decreasing to 75°F by the 4th week.

**A-882** Low Cost Brooder Thermometer.



## Double Walled Galvanized Cone-Top Fountains



Optional  
Heater Base

These fountains are made from 26 gauge galvanized steel with all seams soldered. Top design prevents roosting and heavy top handle will permit easy removal of outside body. New wide lip on pan adds strength and helps to prevent fowl from spilling water. Inner body permanently clinched to pan. Equipped with brass spring slip control valve.

**9832** Fountain, 2 gal. capacity. Wt. 5 lbs.

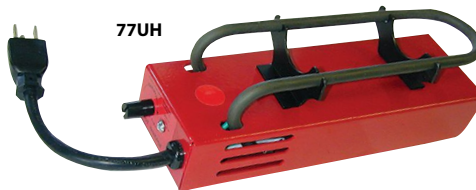
**9833** Fountain, 3 gal. capacity. Wt. 6 lbs.

**9835** Fountain, 5 gal. capacity. Wt. 8 lbs.

**9838** Fountain, 8 gal. capacity. Wt. 11 lbs.

**HB125** Electric Water Heater Base keeps fountains de-iced to 10° F. Galvanized steel, 16.25" in diameter, 3.75" high.

## Portable Utility Heater



77UH

This non-immersible utility heater has a variety of uses. Set a metal bucket or pan atop to heat water, use in the enclosure of a hog or poultry waterer or any place where radiant or contact heat is needed. It is thermostatically controlled and carries a one-year guarantee. Small in size but rugged in construction, heater is made of heavy gauge steel with red baked-on finish. 3" wide, 3" high and 10" long. 500 watts.

**77UH** Utility Heater, 120 Volt. Wt. 2 lbs.

## Reel Feeders



Made of one piece galvanized steel, 1-5/8" deep, 2-1/2" wide at bottom and 3-1/2" wide at top. Inward rolled lip at top prevents waste of feed. Sturdy revolving metal reel turns easily, thereby preventing chicks from roosting on feeder. Sold each or carton of 24.

**9818** Reel style Trough, 18" long. Wt. 12 oz.

**9824** Reel style Trough, 24" long. Wt. 1 lb.

## Range Feeders with Feet

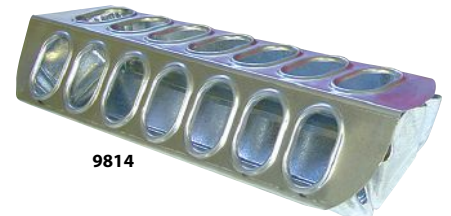


Galvanized steel Range Feeder sits neatly off the ground on wire legs. Overall height is 7", width 6.5". Inside depth is 4.5".

**9836** 36" Range Feeder with legs. Wt. 3.5 lbs.

**9848** 48" Range Feeder with legs. Wt. 4 lbs.

## Slide-Top Feeders



9814

Slide Top Feeder is made of galvanized steel, die-formed so no sharp edges. Slides easily on trough and will hold sufficient feed for growing chicks under brooders. A quality product, 1-5/8" deep, 2-1/2" bottom width, 4" top width. Sold each or carton of 12.

**9814** Feeder, 12" long, 14 holes. Wt. 3/4 lb.

**9822** Feeder, 18" long, 22 holes. Wt. 1 lb.

**9830** Feeder, 24" long, 34 holes. Wt. 1-1/4 lbs.

## Small Galvanized Feeder / Waterer



Small galvanized steel Feeder/Waterer is made in two parts. 6" in diameter with 7 feeding holes. Sold each or carton of 12.

**9808** Galvanized Steel Feeder/Waterer. Wt. 6 oz.



## Hen Hydrator

The gravity-fed Hen Hydrator provides access to clean water on demand. The translucent bucket was designed to provide UV protection to prevent algae growth and allow for easy viewing of the water level. Lid fits tightly to prevent spills and protects contents while easy-to-remove fill plug allows for refilling without having to remove the entire lid. Each of the 4 nipples can accommodate up to 4 birds. Hanging height will vary by breed but should be high enough so that chickens must reach up slightly to drink. This waterer is recommended for adult birds only and is not recommended for use in freezing weather.

**HH35** Hen Hydrator 3.5 Gallons

**172035** Poultry Nipple 4 Pack for Hen Hydrator



## Open Nesting Box



Made of high-density, impact-resistant polyethylene that will not rust, rot, or corrode. The plastic surface is easy to keep clean and does not get as cold as metal. Hen-friendly design features an open back and top to allow better ventilation and easier access to eggs in some coops. The front edge helps prevent loss of bedding and the slightly graded floor leads to a back drainage hole. Mounts securely on wall with slide-type screw holes or sits squarely on a shelf. 17" L x 11.9" W x 11.9" H, space-saving modular layout can be mounted vertically or side by side on 16 inch on-center studs.

**165525** Open Nesting Box, black.

## Single Nesting Box



Made of high-density, impact-resistant polyethylene that will not rust, rot, or corrode. The plastic surface is easy to keep clean and does not get as cold as metal. Ample sized, hen-friendly design features an entrance perch and ventilation holes for fresh air. The box floor is lower than the entrance, which helps prevent loss of bedding. Sloped roof prevents roosting. Mounts securely on wall with slide-type screw holes. 16.5"L x 15.88"W by 19.75"H, space-saving modular layout can be mounted vertically or side by side on 16" on-center studs. Neutral gray color with black perch.

**163620** Single Nesting Box, wt. 3.2 lbs.

## Galvanized Bucket Waterer



Unique design serves as a bucket for filling and carrying, then converts to a gravity-feed waterer. Sturdy galvanized steel has rolled edges for safety. You won't find anything easier to fill, carry, and clean. 1-gallon size with built-in handle is perfect for small poultry flocks. Recommended for adult birds.

**167611** 1 Gallon Galvanized Bucket Waterer. Wt. 1.90 lbs.

## High-Capacity Poultry Fountains



Large capacity waterers for poultry or game birds are rust-proof, dent-proof and easy to fill. New improved cap is tapered and reinforced for easier on/off, a better seal, and easier transport even when full. The durable translucent polyethylene jar snaps neatly and securely onto the red polystyrene base.

**PPF3** 3 Gallon Poultry Fount. Wt. 4.5 lbs.

**PPF5** 5 Gallon Poultry Fount. Wt. 5.5 lbs.

**PPF7** 7 Gallon Poultry Fount. Wt. 6.5 lbs.

### REPLACEMENT PARTS FOR PPF FOUNTAINS

**PPF302** Replacement Base

**PPF305** Black Jug Plug

**PPF308** Black Jug Cap (New-style, round)

**PPFKIT** Kit with 3 Jug O-rings and 1 Jug Plug.

**Improved Jug Cap for better seal and easier handling**

## Economical Plastic Poultry Feeders



Durable polyethylene feeders are rust-proof, dent-proof, easy to fill and have a feed-saver lip on the base. The two larger models feature hardened steel center axes for unlimited feed settings and anti-scratch vanes to prevent feed waste and crowding. Small feeder is perfect for chicks or quail.

**PHF3** Plastic Feeder, 3 lb. capacity. Wt. 8 oz.

**PHF11** Plastic Feeder, 11 lb. capacity. Wt. 1.5 lbs.

**PHF22** Plastic Feeder, 22 lb. capacity. Wt. 4 lbs.

## One-Gallon Plastic Poultry Fountains



Little Giant linear polyethylene plastic Poultry Fountains are unbreakable, durable, and safe for medication. One-gallon jugs are translucent for viewing water level.

Space-Saver Poultry Fountains nest for efficient packing. They require about 50% less warehouse space and also drastically lower the cost of freight shipment. Lug attachment makes it easy to mount the jug to the base.

**96-680** Space-Saver Jug, 1 gal. cap. Wt. 8 oz.

**96-780** Space-Saver Base. Wt. 8 oz.

**96-666** Regular Style Jug, 1 gal. cap. Wt. 7 oz.

**96-750** Regular Style Base (screw-on). Wt. 8 oz.

**FOUNTS & BASES SOLD SEPARATELY**

**Regular style**

Small Animal

# Mason Jar Base Feeders & Waterers

## Wide-Mouth Mason Jar Bases



Mason Jar bases will attach to an ordinary canning jar or to our one-quart Plastic Jar to make a low-cost chick feeder or waterer. Order Bases and Jar separately.

96-690

- 80602** Yellow Screw-on Plastic Base Feeder for small birds. Eight openings with ribs to minimize spillage and overflow. Made of heavy polyethylene. Wt. .3 lb.
- 80607** Screw-on Plastic Base Feeder in Apple Green
- 80605** Screw-on Plastic Base Feeder in Red
- 80609** Screw-on Plastic Base Feeder in Purple
- 9810** Screw-on Galvanized Steel Baby Chick Feeder Base. Carton of 12 weighs 5 lbs.
- 9826** Screw-on Galvanized Steel Baby Chick Waterer Base. Ctn. of 36 weighs 4 lbs.
- 65CJB** Screw-on Plastic Waterer Base for Mason jar. Red, 6" diameter, 1" deep. Wt. 3 oz.
- 96-690** Plastic one quart jar with standard Mason jar threads.

## Bases for Standard Mason Jars



80602

80607

80605

80609

9810

9826

65CJB

## Heated Poultry Fountain



This 3-gallon fountain keeps water ice-free all winter for your adult chickens with patented heating technology. You can also use the fount all year, easily wrapping the cord for storage underneath the unit. The included 10-foot cord easily plugs into overhead sockets. Features an easy-to-fill fount design. 100 watts, 120 volts, 60 Hz. cULus Listed.

**108-0001** Heated Poultry Fountain, 3 gallons.

## Automatic Poultry Fountains



2500

2525

1018

2550

## Automatic Poultry Waterer



Automatic Poultry Waterer provides a continuous flow of fresh water to adult birds - not intended for use with baby chicks. Features an automatic float that controls the water level so there is no spilling or overflow. An oversized cover extends beyond the edge of the bowl to protect the contents of the waterer. Easy to assemble and easy to clean. Bowl is made of high-density polyethylene and cover is made of polypropylene. Includes 3/4" hose to attach to a garden hose.

**2508** Automatic Poultry Waterer, 14" round x 10.5" high, holds 5 quarts.

The weight of water in the bowl of the Little Giant Fountain automatically shuts off water flow. The reliable brass valve will work on pressure or gravity systems. Tough red plastic bowl will not rust and cannot be harmed by medications. Bowls may be interchanged. Attach to standard 1/2" pipe.

**2500** Medium Fountain waters up to 175 birds. 2 pint capacity, 6-1/2" diam. x 2-1/2" deep. Wt. 10 oz.

**2525** Shallow Baby Chick Fountain reduces risk of drowning and waters up to 200 chicks. 7" x 1-3/4" deep. 1.5 pint capacity. Wt. 12 oz.

**1018** Optional Anti-roosting Bowl Guard fits atop 2550 or 2500. Helps keep water clean.

**2550** Large Fountain waters up to 250 adult birds. 1-1/2" quart capacity, 8" diam. x 2-3/4" deep. Wt. 1 lb.

**2506** Replacement brass water valve.



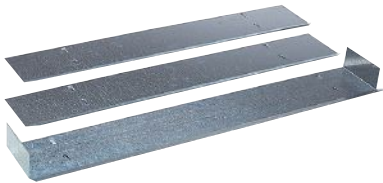
## Complete Hutch Kit



This easy-to-assemble kit includes everything needed for rabbit raising in one package. Kit includes 24 X 24 X 16" hutch, plastic dropping pan, frame kit, 5" sifter feeder with lid, 32 oz. water bottle, cage clips and wire clip pliers.

**RHCK1** Complete Rabbit Hutch Kit. Wt. 17 lbs.

## Urine Guards



Galvanized steel Urine Guards help prevent urine from spraying out of the back and side of hutch. Guards attach easily to wire mesh with pre-formed tabs. Order one set per hutch.

**AUG2424** Set of Urine Guards for hutch AH2424. Wt. 2 lbs.

**AUG3030** Set of Urine Guards for hutch AH3030. Wt. 2.5 lbs.

**AUG3036** Set of Urine Guards for hutch AH3036. Wt. 2.6 lbs.

## Droppings Pans



**GALVANIZED STEEL**

Droppings Pans are made of galvanized steel with riveted corners and hemmed edges. Pans are used with hutches installed with Frame Kits and pull out for easy cleaning. Fully assembled.

**ADP2424** Droppings Pan for 24 x 24" Hutch. Wt. 6.5 lbs.

**ADP3030** Droppings Pan for 30 x 30" Hutch. Wt. 8.5 lbs.

**ADP3036** Droppings Pan for 30 x 36" Hutch. Wt. 10.2 lbs.

## Rabbit Hutches



Hutches are constructed of rust-resistant wire mesh. The doors are surrounded by protective vinyl guards and have spring-tension door latches. Bottom is made of 1"x0.5" wire mesh, sides are 2"x1" wire mesh. Hutch includes J-hook, door guard, door spring and clips for assembly. Clip pliers (recommended) is sold separately below. Order Frame Kits, Urine Guards, feeders and accessories separately.

**AH2424** Rabbit Hutch 24" x 24" x 16". Wt. 7.7 lbs.

**AH3030** Rabbit Hutch 30" x 30" x 16". Wt. 11 lbs.

**AH3036** Rabbit Hutch 30" x 36" x 16". Wt. 12.25 lbs.

## Frame Kits



Galvanized steel Frame Kits suspend the hutch above the dropping pan allowing the pan to slide in and out for cleaning. Hutches fitted with these frame kits may be stacked four high to conserve space.

**AHFK24** Frame Kit for AH2424 Hutch. Wt. 5 lbs.

**AHFK30** Frame Kit for AH3030 or AH3036 Hutch. Wt. 5.4 lbs.

## Plastic Droppings Pan



The one-piece seamless construction of this Droppings Pan makes cleaning cages easy. It may be used as a slide-out tray with our AH2424 Rabbit Hutch installed with the Frame Kit. Droppings Pan may also be used as a cat litter tray, feed tray or oil drip pan. Pan is 24" x 24" and 2" deep.

**PDP2424** Plastic Droppings Pan for 24" x 24" Hutch. Wt. 2 lbs.

## Plastic Rabbit Homes



The deep plastic tray on our Rabbit Homes make them ideal for in-home use by helping to contain bedding and litter. The cages are easy to clean and available in three sizes. They are made of plastic-coated wire and are easy to assemble with no need of clips or pliers.

**150934** Plastic Rabbit Home, L 24.5" x W 14" x H 16.5". Wt. 9.25 lbs.

**150941** Plastic Rabbit Home, L 31" x W 18.5" x H 16". Wt. 12.75 lbs.

**150958** Plastic Rabbit Home, L 40" x W 19" x H 21". Wt. 18.75 lbs.

## Nest Box



Nest box provides comfort and security for rabbit and other small animals. Nest is constructed from galvanized steel and includes a removable wood floor.

**AN1** Nest Box. Wt. 5.6 lbs.

## Cage Clips & Pliers



Clips are useful for assembling cages and other attachment tasks. Bag of clips contains enough for 3 or 4 average size cages. Clip Pliers is metal with plastic-coated handle.

**ACP2** Clip Pliers. Wt. .5 lb.

**ACC1** Bag of Clips. Wt. 1 lb.

## Plastic Feed & Water Cups



These heavy duty plastic feed and water cups snap-lock to all sizes of wire cages and crates. Use for poultry, small animals or any caged pets. Cups may be boiled for sanitizing and are resistant to cold weather cracking. Light grey color reflects sun light which helps to reduce spoilage in hot weather. Inside measurements given below.

- 419PW** One-half pint capacity. 3" by 3" by 2" deep. Wt. 2 oz.
- 419HW** One pint capacity. 3-1/2" wide by 4" long by 2-1/2" deep. Wt. 3 oz.
- 419QW** One qt. capacity. 8" long by 3-1/2" wide by 2" deep. Wt. 4 oz.
- 419MC** Three qt. capacity, 6-1/2" long by 8" wide by 4-1/2" deep. Wt. 10 oz.

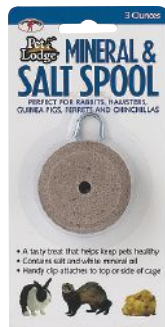
## Cage Cups



Polyethylene Cage Cups have molded-in hooks to clip onto the side of any type of wire animal cage. They are easy to clean and may be used for rabbit, poultry or any kind of small animal.

- ACU1-04** Black Poly Cage Cup, one-half pint capacity. Wt. 2 oz.
- ACU2-04** Black Poly Cage Cup, one pint capacity. Wt. 3 oz.
- ACU4-04** Black Poly Cage Cup, one qt. capacity. Wt. 4 oz.
- ACU5** Galvanized Steel Cage Cup, one qt. capacity. Wt. 9 oz.

## Salt Spool



Salt and Mineral Spool is a tasty treat for small animals while providing trace minerals essential for good health. Salt Spool is 2" in diameter.

- SSH2** Salt Spool Kit with hanging clip, carded. Wt. 4 oz.
- SSW3** Replacement Salt Spool. Wt. 3 oz.

## Funnel Feeder



Food funnels into the dispenser and is kept clean and dry. Funnel Feeder holds about 8 oz. and is about 7" high. Adjustable hanger attaches to plastic, glass or wire cage.

- FF36** Plastic Funnel Feeder. Wt. 4 oz.

## Hay Rack



Hay Rack eliminates wasted food and keeps hay clean. Rack includes a holder for a Salt Spool (not included). Rack is plastic coated wire and measures about 8" x 3" x 7".

- 153171** Hay Rack. Wt. 6 oz.

## Sifter & Solid Bottom Feeders

Galvanized Steel Feeders for rabbits and small animals are available in several sizes with choice of solid or sifter bottom and with or without flip-up lid. Feeders are about 7" high and include wire hooks for securing feeder to hutch. Sifter bottom allows dust and fine material to sift through. Flip-up lid protects feed from dust and litter.

- AF3ML** Solid Bottom Feeder with Lid, 3" wide. Wt. 1 lb.
- AF5ML** Solid Bottom Feeder with Lid, 5" wide. Wt. 1.3 lb.
- AF7ML** Solid Bottom Feeder with Lid, 7" wide. Wt. 1.6 lb.
- AF3SL** Sifter Bottom Feeder with Lid, 3" wide. Wt. .9 lb.
- AF5SL** Sifter Bottom Feeder with Lid, 5" wide. Wt. 1.2 lb.
- AF7SL** Sifter Bottom Feeder with Lid, 7" wide. Wt. 1.5 lb.
- AF3S** Sifter Bottom Feeder without Lid, 3" wide. Wt. .8 lb.
- AF5S** Sifter Bottom Feeder without Lid, 5" wide. Wt. 1.1 lb.
- AF7S** Sifter Bottom Feeder without Lid, 7" wide. Wt. 1.3 lb.



Small Animal



## Heated Rabbit Bottle



This heated bottle keeps drinking water ice-free, even in sub-zero temperatures. Large 32-ounce bottle with an easy-fill top attaches easily to cage. 20 watts, 120 volts, 60 Hz.

**HRB32** 32 oz. Heated Rabbit Bottle

## HALF-GALLON Bunny Bottle



Made of weather-resistant polyethylene, this large-capacity Water Bottle will quench the thirst of a lot of bunnies. It features an extra wide mouth for easy filling. Stainless steel sipper tube and ball keep water clean and cage dry. Blister-packed on a colorful card that appeals to kids and encourages good pet care.

**BB64** 64 oz. Water Bottle.

## Flip-Top Water Bottle



Water Bottle has a flip-top for easy filling and cleaning. Soft poly bottle has animal graphics and ballpoint tube sipper.

**FTB32** Flip-Top Water Bottle, 32 oz. capacity. Wt. 10 oz.

## Pop Bottle Waterer



Waterer Kit converts an ordinary soft drink bottle into a ballpoint sipper. Screw into bottle and attach to cage with hanger.

**EFF1** "Earth Friendly Fountain" Pop Bottle Waterer. Wt. 2 oz.

## Rabbit & Small Animal Water Bottles

**ALL-WEATHER**



Water Bottles are constructed from strong ultraviolet-resistant polyethylene for indoor or outdoor use with small animals of all kinds. Stainless steel sipper tube and ball keep water clean and prevent dripping. Carded with hanger hole for store display.

**AW8** All-Weather Bottle, 8 oz. capacity.

**AW16** All-Weather Bottle, 16 oz. capacity.

**AW32** All-Weather Bottle, 32 oz. capacity.

Clear plastic makes it easy to view water level and condition of water. Water Bottles features stainless steel ballpoint sipper tube and no-leak seal design. Each bottle is blister-packed on a colorful card printed with friendly cartoon characters for kid appeal. Recommended for indoor use.

Galvanized Steel Bottle Guards protect clear plastic bottles from animal chewing. Spring-loaded guard releases bottle easily.

**CPB8** Clear Water Bottle, 8 oz. capacity.

**CPB16** Clear Water Bottle, 16 oz. capacity.

**CPB32** Clear Water Bottle, 32 oz. capacity.

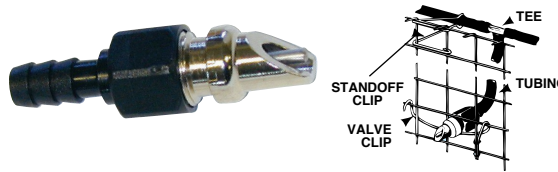
**BG8** Bottle Guard for 8 oz. bottle (CPB8). Wt. 4 oz.

**BG16** Bottle Guard for 16 oz. bottle (CPB16). Wt. 6 oz.



**BOTTLE GUARDS**

## Nipple Drinker



Watering system for rabbits and other small animals features chrome-plated brass nipple drinker with bite valve. Operates at low pressure, 3 to 5 PSI.

**90DV** Nipple Drinker.

**90SC** Standoff Clip

**90PT** Tee for Tubing

**ATS500** Flexible 1/4" ID tubing - 100'

**90VC** Valve Clip

## Live Animal Traps



These live Animal Traps are manufactured from heavy-duty galvanized wire mesh with steel reinforcement. Spring-loaded door, protected handle and automatic locking systems provide safety for both animal and human. The traps are easy to use, come preassembled and are ideal for all types of animals.

The Double Door styles are effective for hard-to-trap animals as both doors may be set, creating a clear raceway.

Model No.	Style	To trap	Length X Width X Ht.	Weight
<b>LT1</b>	Single Door	Mice, rats, chipmunks	18" X 6" X 6"	3.75 lbs.
<b>LT2</b>	Single Door	Rabbit, squirrel, skunk	24" X 7" X 7"	5.25 lbs.
<b>LT3</b>	Single Door	Weasel, mink, rabbit	24" X 8" X 10"	5.25 lbs.
<b>LT4</b>	Single Door	Raccoon, turtle, fox	32" X 10" X 12"	9.75 lbs.
<b>LT5</b>	Single Door	Raccoon, dog, coyote	42" X 16" X 16"	17.25 lbs.
<b>DDLT1</b>	Double Door	Mice, moles, shrews	18" X 6" X 6"	5 lbs.
<b>DDLT2</b>	Double Door	Rabbit, squirrel, muskrat	24" X 7" X 7"	6.75 lbs.
<b>DDLT4</b>	Double Door	Raccoon, woodchuck, opossum	36" X 10" X 12"	13 lbs.

## Heated Pet Bowls



Heated Pet Bowl is thermostatically controlled to keep water ice-free and available to your pet at all times. Large-capacity, tip-proof bowl is available in blue polyethylene or stainless steel for easy cleaning.

The bowl has a 6 foot power cord with spiral wire protector, foam insulation and a waterproof wiring box. Bowl will not heat until air temperature lowers to 40°. 50 watts.

**101P** Blue Poly Heated Pet Bowl, 5 quart capacity. ULus and cCSA Listed. Wt. 2.5 lbs.

**SB50** Stainless Steel Heated Pet Bowl, 4 quart capacity. cULUS Listed. Wt. 3.3 lbs.

## Automatic Dog Feeders



Automatic Dog Feeders are made of galvanized steel with a specially angled chute to provide a steady flow of food on demand. The magnetized door stays shut until the dog nudges it open. Food stays fresh, dry and free from unwanted pests. Comes fully assembled.

**CH12** Automatic Feeder, 8" L x 9" W x 19.25" H, holds approx. 12 lbs. of dry food. Wt. 7.3 lbs.

**CH25** Automatic Feeder, 11" L x 12" W x 22.5" H, holds approx. 25 lbs. of dry food. Wt. 10.5 lbs.

**CH50** Automatic Feeder, 12" L x 16.25" W x 28.25" H, holds approx. 50 lbs. of dry food. Wt. 19.7 lbs.

## Double Compartment Pet Bowl



Poly Pet Water Bowl has a double drinking chamber and automatic float valve for constant water level. Comes complete with 3 ft of hose with 3/4" garden hose connection for easy hook-up to lawn faucet. Bowl holds 5 quarts

**PW04** Poly Pet Water Bowl. Wt. 2.3 lbs.

## Dog Collars & Leads



Single-ply nylon Dog Leads have comfortable, sewn-in hand loop one end and a top quality snap at other end. Specify color. If no color is specified, we ship assorted colors.

**93DL\*** Nylon Dog Lead. 1" x 4 ft.

**94DL\*** Nylon Dog Lead. 1" x 6 ft.



**46DC to 49DC**

**61DC to 64DC**

**51DC to 54DC**

Replace expensive leather with quality double-ply nylon dog collars. They are guaranteed to stay flat and keep their shape. Available in five colors. If no color is specified, we ship assorted colors.

**46DC\*** 1" x 18"      **51DC\*** 1" x 18"      **61DC\*** 3/4" x 12"

**47DC\*** 1" x 20"      **52DC\*** 1" x 20"      **62DC\*** 3/4" x 14"

**48DC\*** 1" x 22"      **53DC\*** 1" x 22"      **63DC\*** 3/4" x 16"

**49DC\*** 1" x 24"      **54DC\*** 1" x 24"      **64DC\*** 3/4" x 18"

### \* HOW TO SPECIFY COLOR CHOICE FOR DOG COLLARS & LEADS

Specify color by adding a hyphen and code number to the stock number. For example, 93DL-06 is a 4 ft. Lead in blue.

**Color Code Numbers**  
 yellow -02    black -04    red -05  
 blue -06      green -07



# Zareba SOLID STATE ELECTRIC FENCE CONTROLLER



514-0700

**ECONOMY  
WEED  
CHOPPER**

The Economy Weed Chopper model will charge up to 5 miles of clean fence or through light weeds for shorter distances. It will control most animals, repairs easily and has a vented plastic cabinet with moisture resistant internal components. A lamp flashes when system is operating. UL listed.

**514-0700** Economy Weed Chopper Fencer. 115VAC, 60 cycle. 1 second pulsed DC output. Wt. 3.75 lbs.

# Zareba SOLAR POWERED FENCE CONTROLLER



514-1000

Solar-Powered Fencer shocks through weeds and will control most livestock and pets. Carry handle and mounting bracket allows easy moving. Energy efficient low impedance design features digital technology. Full solar charge lasts up to 2 weeks.

**514-1000** 6 Volt Solar-Powered Fencer, .15 joule output for moderate weed conditions. Wt. 7 lbs.

**514-5300** Repl. 6-Volt, 12 amp Battery for 514-1000.

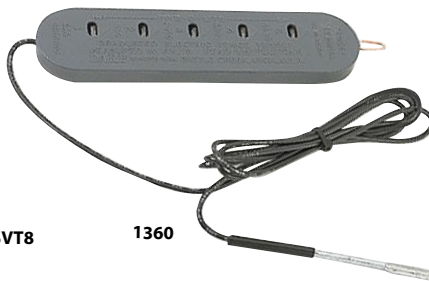
## FENCE TESTERS



514-5100



RSVT8



1360



460

**514-5100** Digital Fence Tester reads from 500 to 9900 volts and displays voltage on an LCD readout. Tester works on any metal, poly wire or polytape fence with one-touch operation. Handheld durable ABS plastic case. 9V battery included in clamshell packaging. Wt. 1.75 lb.

**RSVT8** Eight Lite Fence Tester is accurate to 7000 volts. Hand-held, compact Tester is simple to use and store. Carded with instructions. Wt. 4 oz.

**1360** Five-O-Lite Fence Tester. Indicates voltage on the line up to 5000 Volts with series of five lights. Blister packed with instructions. Wt. 4 oz.

**460** Fence Tester. Checks current in electric fence with a one-light application. Handy to carry. Wt. 2 oz.

## FENCE GUARDIAN NIGHT LIGHT



2221

Fence Guardian Night Light flashes when your fence is in good working order and the frequency of the flash decreases as fence condition worsens. Bright light is visible up to 1000 feet or more.

**2221** Fence Guardian Light. Wt. 12 oz.

## ACCESSORIES

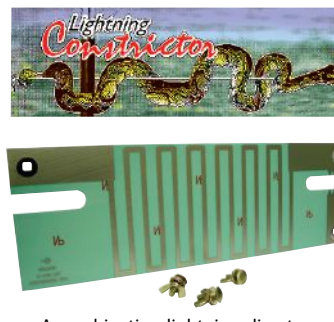
### STORM GUARD MODULE



(for low impedance  
fencers only)

**514-5500** Storm Guard Lightning Protection Module. Use only with low-impedance fencers.

### LIGHTNING CONSTRICTOR



A combination lightning diverter and lightning choke assembly, the Lightning Constrictor will protect your electric fence controller from most lightning surges. (No economically priced device will protect your fencer in all lightning surge situations.)

**514-5200** Lightning Constrictor. Wt. 8 oz.

### LIGHTNING CHOKE



**2454** Lightning Choke reduces the impact of lightning traveling the fence line to the controller. Bagged with instructions. Mounting screws not included. Wt. 2 lbs.

# Zareba BATTERY POWERED FENCE CONTROLLERS

The  
"Tarantula"

## BATTERY POWERED FENCER

514-1500



The Tarantula Fencer is ideal for remote areas because it will charge up to 50 miles of fence on 12 volt battery power even shocking through wet weeds. The weather resistant and nonconductive cabinet features fuseless design for enhanced lightning protection and has patented digital timing. A flashing fence light is an additional safety feature. The Tarantula carries a one-year warranty. UL listed. Battery not included.

514-1500 Tarantula Low Impedance Battery Powered Fencer. Wt. 4 lbs.

The  
"Yellow Jacket"

## BATTERY POWERED FENCER

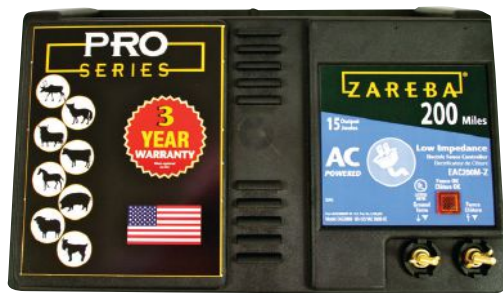
514-1600



This Low Impedance Fencer operates on four D batteries or a 6 or 12 Volt external battery (not included). Will power up to 10 miles of wire fence and will control all types of animals. Yellow Jacket's weather resistant nonconductive cabinet shrugs off rain and snow and features built-in wire clip for mounting and built-in ground rod mounting clamp for easy installation, portability and versatility. UL listed.

514-1600 Yellow Jacket Battery-Powered Low Impedance Fencer Wt. 3 lbs.

# Zareba LOW IMPEDANCE FENCE CONTROLLERS



514-1200



514-1300



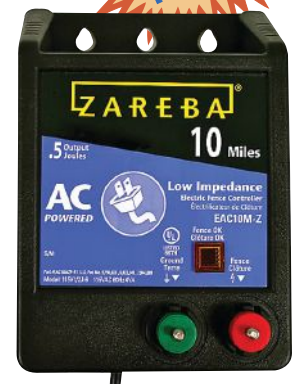
514-0300



514-0200



514-0100



514-1700

Zareba Low Impedance Fence Controllers feature digital timing, easy hook-up terminals, rugged non-conductive weather-resistant cabinets, fuseless design, lightning protection, a flashing light during operation and modular design for easy repair. Fencers shock through wet weeds within their range and will control all types of animals even predators. "Joules" is an indicator of power and refers to watts per second. Fencers carry a 1-year warranty including damage from lightning.

**514-1200** Powerful Low Impedance Fencer. Produces 2000 volts across 200 miles of fence. Suitable for heavy weeds, difficult animals and conditions. Includes Storm Guard lightning protector. 15 joules, 115VAC, 60 cycle, 1 second pulsed DC output, UL listed. Wt. 10 lbs.

**514-1300** Low Impedance Fencer. Shocks through up to 100 miles of clean fence, shorter distances in wet weed conditions. Includes Storm Guard lightning protector. 6 joules, 115VAC, 60 cycle, 1 second pulsed DC output, UL listed. Wt. 9.5 lbs.

**514-0300** Low Impedance Fencer. Charges up to 75 miles of fence, built-in Storm Guard lightning protection. 4 joules energy output, 115VAC, 60 cycle, 1 second pulsed DC output, UL listed. Wt. 7.5 lbs.

**514-0200** Low Impedance Fencer. Charges up to 50 miles of clean fence, shorter distances when weeds are present. 2 joules energy output, 115VAC, 60 cycle, 1 second pulsed DC output, UL listed. Wt. 4 lbs.

**514-0100** Low Impedance Fencer. Charges up to 25 miles of clean fence, shorter distances when weeds are present. 1 joule, 115VAC, 60 cycle, 1 second pulsed DC output, UL listed. Wt. 4 lbs.

**514-1700** Low Impedance Fencer. Charges up to 10 miles of clean fence; shorter distances when weeds are present. .5 joule energy output, 115VAC, 60 cycle, 1 second pulsed output. Wt. 4 lbs.





# POWERLINE MODELS FOR LARGE PASTURES

Low impedance Fencers for indoor installation 110-120VAC  
Includes full 2 year warranty including damage caused by lightning.  
Gel battery in solar models have 1 year warranty.



RM-1

## RM-1 RANGE MASTER

Range Master has plenty of power to charge over 100 miles of fence. Digital meter, high visibility LED lights, audible & visible shut-down alarm, computer controlled circuitry, high impact ABS housing. Excellent for controlled grazing and predator control. UL listed, 11.4 joules, 110V.

RM-1 Range Master. Wt. 12 lbs.



SE-5

## SUPER ENERGIZER MODEL SE-5

For single or multi-wire high tensile fences, SE-5 features advanced computer-controlled circuitry and built-in digital meter showing voltage on fence. SE-5 is for large pastures and charges over 50 miles of fence. UL listed, 9 joules, 110V.

SE-5 Super Energizer. Wt. 10 lbs.



MARK8

## MULTI-POWER MARK 8

Mark 8 features computer-controlled circuitry and will charge up to 30 miles of single or multi-wire high tensile fence. Digital meter shows voltage on fence. For livestock or predator control in medium pastures. UL listed, 6 joules.

MARK8 Fencer, 110V. Wt. 10 lbs.

MARK8-2 Fencer in 220V.



FM-3

## FIELDMASTER

Fieldmaster is an economically priced fencer for small to medium pastures and cow trainers. Features computer-controlled circuitry and will shock through wet weeds and brush. Built-in operational light. For up to 15 miles of fence. UL listed, 3 joules.

FM-3 Fieldmaster, 110V. Wt. 9 lbs.

# BATTERY MODELS

## 12 VOLT MODEL

MAG12-UO



## MAGNUM 12 FENCER

MAG12-UO employs 12V advance solid state circuitry in a low-profile case. Battery is attached to the case rather than enclosed within. MAG12-UO is equipped with performance meter that shows condition of fence. Low impedance provides for excellent livestock or predator control in medium to large pastures. Weatherproof, portable, outdoor model may be used with any 12V battery (not included). Will charge up to 30 miles through wet weeds or brush. Battery clamps included. UL listed, 3 joules.

MAG12-UO 12V Battery Fencer. Wt. 5 lbs.

## 6V SOLAR MODEL

DF-SP-LI



## SOLAR-PAK FENCER

Solar-powered fencer is now improved with a dark-colored, heat-tempered glass solar panel for better sunlight absorption and damage-resistance. Besides no operating costs, Fencer features low impedance design, built-in performance meter, and weatherproof case with steel mounting plate. Solar-Pak will charge up to 25 miles of fence. Complete with sealed rechargeable 6V Gel battery. UL listed, 1.4 joules.

DF-SP-LI Solar-Pak Fencer. Wt. 20 lbs.

951 Special taper charger to recharge 6V battery. Wt. 6 oz.

920 Repl. 6V Solar Panel

EL695 Repl. 6V Gel Battery

## 12V SOLAR MODEL

MAG-12-SP



## MAGNUM 12 SOLAR-PAK

Solar-powered MAG12 uses free energy from the sun with no operating costs. Solar-Pak has all the great Magnum 12 features plus an improved solar panel with heat-tempered glass and dark background for better damage-resistance and sunlight absorption. Complete with sealed 12V Gel battery. Weatherproof, portable outdoor model. Charges up to 30 miles of fence. UL listed, 3 joules.

MAG-12-SP Solar-Pak Fencer. Wt. 27 lbs.

952 Special taper charger to re-charge 12V Gel battery. Wt. 6 oz.

960 Repl. 12V Solar Panel.

EL1295 12V Gel Battery.



# ElectroGard



Today's high-performance fencer electronics need protection against lightning and other high voltage transients. Electro-Gard plugs into any 110-120V outlet to provide protection against lightning as well as everyday voltage spikes from motor startups. In addition to fencers, use Electro-Gard with TV's, computers, and solid state equipment of all types.

EG Electro-Gard Lightning Protector, carded. UL listed. Wt. 8 oz.

# PARMAC Garden/Pet Protective Fencer

FK



PG50

Pet Gard Electric Fencer is a 110 volt A/C powered electric fencer delivering a mild but effective shock to deter pets and small wild animals from damaging gardens and yards. One-year limited warranty.

Electric Fence Accessory Kit includes eight 2' fiberglass rods, one 2' ground rod, 100' of wire and necessary hardware. May be used with Pet Gard or other fencers.

PG50 Pet Gard Electric Fencer, A/C. Wt. 2 lbs.

FK Fencing Accessory Kit. Wt. 3 lbs.



# Solar Pak Anti-Theft Mounting Bracket

Parmak's Solar Pak Anti-Theft Mounting Bracket is specifically designed to easily and securely mount Parmak solar fence charger models DF-SP-LI and MAG-12-SP to a standard studded steel T-Post. The bracket connects directly to mounting holes already on the solar fence charger. The bracket is also designed to add a padlock for theft deterrence and is plated with heavy zinc to prevent rust. Includes mounting hardware.

910 Anti-Theft Mounting Bracket. Wt. 1 lb.



# Hi-Tensile Fence Supplies



## Wrap-Around Insulator



**1779** Wrap-Around Insulator for end posts or corners is made of thick, UV resistant black poly, flat-sided to resist rolling, and has a metal insert designed to withstand the stress of high-tensile fencing. 19.5" long. Pkg. of 10, 2.5 lbs.



SNUG-HTN

## Poly Insulators

**FREE**  
How-To  
Guide



**AD1848** "Guide to Installation and Use of High Tensile Fencing." Free with order of hi-tensile supplies.

## Plastic Corner Insulators



2949-10



1752-10



451-10



2210-10

**2949-10** High Tensile Corner & End Insulator, white glass-reinforced polyester, strongest Dare material. Bag of 10.

**1752-10** High Strain Corner & End Insulator, black, engineering grade material. Bag of 10.

**451-10** Corner Post Bracket Kit. Includes 3/8" diam. carbon steel bracket with screw threads and a black polymer engineering-grade round insulator. Holds wire 5" from post. Insulator spins freely. Bag of 10. Wt. 3 lbs.

**2210-10** Double U End & Corner Insulator. Heavy to withstand pull of high-tensile wire. Black all-weather, engineering grade polymer. Pkg. of 10. Wt. 1 lb.



1724



2249-25



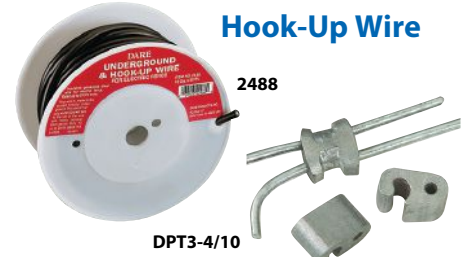
2550-25

**SNUG-HTN** Wood Post Insulator for High Tensile. Black UV-resistant Poly with two nails. Bag of 25, 1.3 lbs.

**1724** Tube-style Wood Post Insulator has ribs to prevent wire from sliding. Black UV-resistant poly. Staple included. Pkg. of 50. Wt. 12 oz.

**2249-25** Pinlock Insulator for wood posts. Black polyethylene, nails included. Bag of 25.

**2550-25** Pinlock Insulator. Black polyethylene, wraps around three sides of T-post. Bag of 25.



## Hook-Up Wire

2488

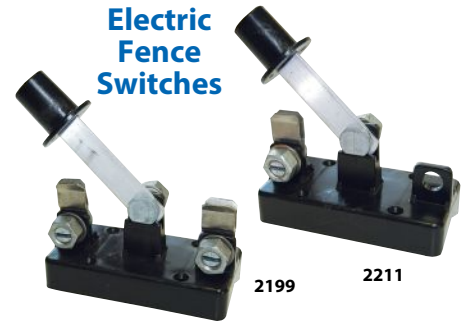
DPT3-4/10

**2488** Underground & Hook-Up Wire, 50 ft. spool. Two layers or poly over heavy steel wire. For burial or to connect fence charger to fence. 2 lbs.

**2212** Underground & Hook-Up Wire, 165 ft. spool. Wt. 6 lbs.

**DPT3-4/10** Fence Taps are used to connect hook-up, grounding and jumper wires to the fence line. Not a splice. Pkg. of 10 weighs 2 oz.

## Electric Fence Switches



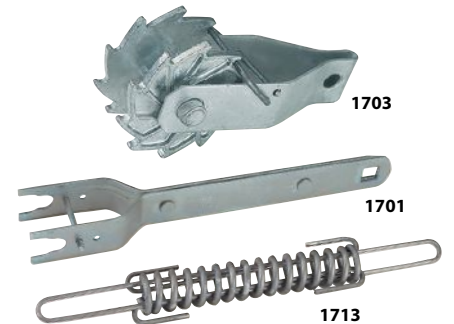
2199

2211

**2211** Single Throw Electric Fence Switch. Install several to switch off sections of fence for repairs and maintenance.

**2199** Double Throw Electric Fence Switch.

## Strainer & Crank



1703

1701

1713

Sturdy cog style wire strainer/stretcher has hot dip zinc frame. Renews tension for sagging line. Should be used with tension measuring spring where weather extremes can loosen wire.

**1703** Wire Strainer. Wt. 2 lbs.

**1701** Strainer Crank (handle) for use with 1703.

**1713** Tension Measuring Spring. Wt. 2 lbs.

## DARE Electric Fence Accessories



482-3



483-4



485-1



1624

**482-3** Three Prong Circuit Breaker (Chopper) for use on weedburner fences. Fail-safe design; built-in radio and TV interference filter.

**483-4** Four-Prong Circuit Breaker for fences shown on these pages (not for weedburners). Fail-safe design; built-in radio and TV interference filter

**485-1** One ampere cartridge fuse—used on most fences. Five fuses on a card.

**1624** Fused Plug. Individually carded.





**DARE**

# Electric Fence Supplies

## Wood Post Insulators



### Safety Top'r For T-Posts

**Wire Holder,  
Insulator, Safety Cap all in one!**

Protect valuable horses and other animals from sharp T-post tops. Insulating Top-r snaps onto T-post or may be nailed to wood post. Holders face front or back and accept any wire.

**2027** Safety Top'r Yellow poly, bag of 10.

**2929** Safety Top'r, White poly, bag of 10.



1728-25



SNUG-SWP-25



WOODEX  
5WP-15



BW-WP-25



ELF-RS-25



ELF-RS-25

## Plastic Corner Insulators



1752-10

451-10

1388-10

**1752-10** High Strain Corner & End Insulator, black, engineering grade material. Bag of 10.

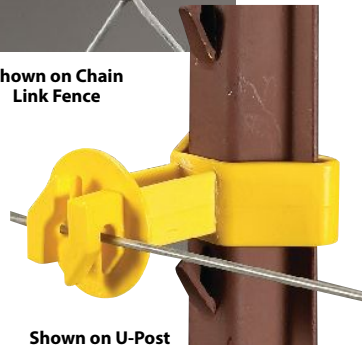
**451-10** Corner Post Bracket Kit. Includes 3/8" diam. carbon steel bracket with screw threads and a black polymer engineering-grade round insulator. Holds wire 5" from post. Insulator spins freely. Bag of 10. Wt. 3 lbs.

**1388-10** Round Corner Insulator, white poly. Bag of 10.

## U-Post Insulator



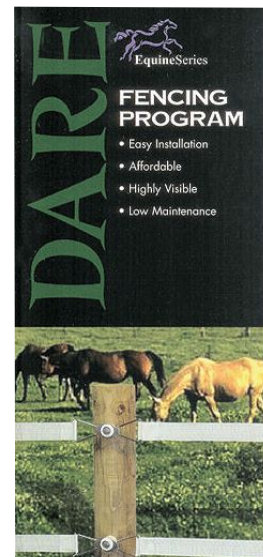
Shown on Chain  
Link Fence



Shown on U-Post

**SNUG-SU-25** Snug U-Post Insulator for 1-1/3 - 2-1/8" wide U-Posts or for chain link fence. Yellow polyethylene. Extends wire 3-3/4" from post. Bag of 25.

## FREE How-To Guide



**AD-3221** Equine Fencing Installation Instruction Manual. Free with order of equine fencing supplies.



## Wire Winder

**DARE**

**WW-1** Wire Winder for steel wire or polywire. Spool included. Wt. 2 lbs.

**EFS-1** Empty Spool for Wire Winder.



## EQUI-ROPE & ACCESSORIES

- 3094** Equi-Rope. 6m high density Dacron poly rope with 7 strands of stainless steel, 600 ft. reel. Wt. 8.5 lbs.  
**3095** Equi-Rope. 4mm high density polyethylene rope with 3 strands of stainless steel, 656 ft. reel. Wt. 4 lbs.

3365



- 3365** Poly Twisted Rope. 6mm high density polyethylene rope with 7 strands of stainless steel, 600 ft. reel. Wt. 8.5 lbs.

3283



- 3283** Corner Post Bracket Kit for Equi-Rope. Includes 4 each plated steel bracket, round white poly insulator and locking nut.

2671W



3098

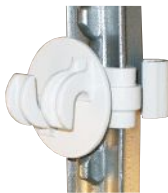
- 2671W** White Poly Ring Insulator for corners and line posts. Package of 10. Wt. 1/3 lb.  
**3098** Electric Rope Clamp. Includes metal clamp and tightening screw. Package of 4. Wt. 1/4 lb.

SNUG-HTW



- SNUG-HTW** Wood post insulator for polywire or Equi-rope, White, nails not included. Bag of 25.

STPX-25



- STPX-25** T-Post insulator for large diameter fence materials up to 3/8"; Equi-Rope and coated wire. Bag of 25.

SNUG-STP-25W



- SNUG-STP-25W** T-Post insulator for polywire or Equi-rope, White. Bag of 25.

# Electric Fence Supplies

## POLYWIRE & POLYTAPE

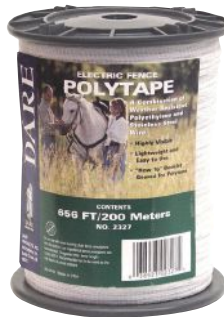
### Polywire



Polywire is a combination of polyethylene and three stainless steel strands (not for hi-tensile.)

- 2343** Polywire coil. 820 ft./250 meters. 1.4 lbs.  
**2347** Polywire coil. 1312 ft./400 meters. 2 lbs.

### Polytape



Polytape is 1/2" wide, made of white polyethylene with five interwoven stainless steel strands.

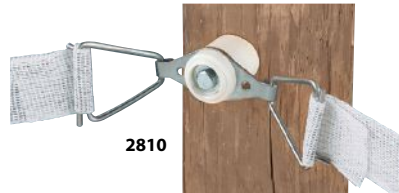
- 2327** 1/2" Polytape. 656 ft./200 meters. 2.5 lbs.  
**2346** 1/2" Polytape. 1312 ft./400 meters. 4.5 lbs.  
**2768** Tape Buckle for fastening ends of 1/2" Poly-tape. 5 per bag. Wt. 4 oz.

2809



- 2809** End Tensioner for 1-1/2" Polytape pkg. of 2.

2810



- 2810** Corner Tensioner for 1-1/2" Polytape, pkg. 2.

2880

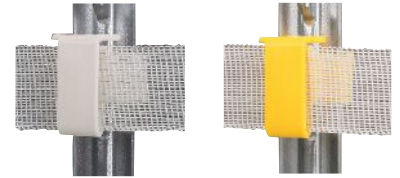


- 2880** Splicing Buckle for up to 1-1/2" Polytape, package of 2.



2330-25

- 2330-25** Polytape Insulator for Wood Posts for up to 1-1/2" Tape, Yellow, bag of 25 including nails.



2334-25W

2334-25

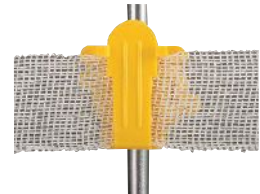
- 2334-25W** Polytape Insulator for Studded T-posts for tape up to 1-1/2". White, bag of 25.

- 2334-25** Same Insulator as above in Yellow.



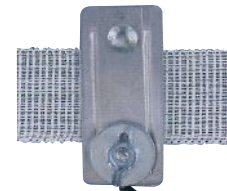
3245-A

- 3245-A** Tape Clip for up to 1-1/2" tape. Holds loose end. Pkg. of 25.



2336-25

- 2336-25** Western Style Screw-Tight Insulator for 1/4" to 9/16" round posts, for tape up to 1-1/2", yellow. Bag of 25.



2743

- 2743** Electrical Connector for polytape up to 1-1/2". Connects charger wire to tape. 2 per bag. Wt. 4 oz.



2929

- 2929** Safety Top'r White, for t-post or wood post, for all wire, rope and tape up to 1-1/2". Bag of 10.

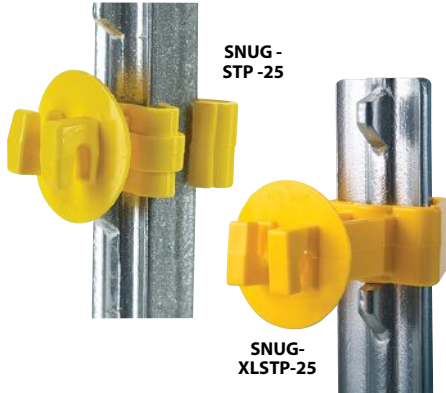




# DARE

## Electric Fence Supplies

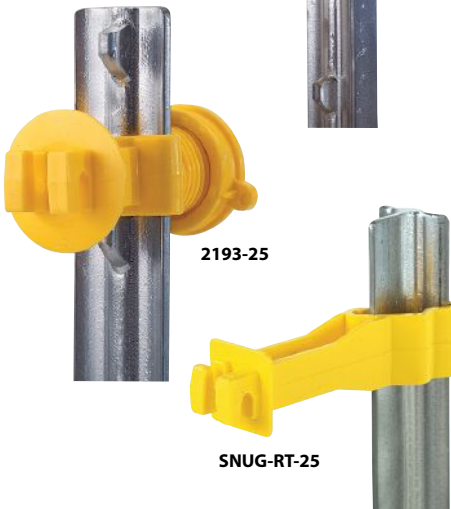
### T-Post Insulators IN THE GREEN BAGS



SNUG-STP-25

SNUG-XLSTP-25

SNUG-X5TP-15



2193-25

SNUG-RT-25

Insulators are packed in self-selling, illustrated, heavy poly bags – Green bags denote insulators for T-posts. "Snug" style insulators wrap securely around all three sides of the T-post, fit 1.25 or 1.33" posts, and are made of bright yellow polyethylene.

**SNUG-STP-25** Snug T-Post Insulator. Extends wire 1". Bag of 25.

**SNUG-XLSTP-25** Snug Extra Length Insulator. Extends wire 2". Bag of 25.

**SNUG-X5TP-15** Snug Extended Insulator. Holds wire 5" from post. Bag of 15.

**2193-25** Western Screw-Tight Insulator. Bright yellow poly. Fits all T-posts, 3/4" rods and 1-1/8" U-posts. Bag of 25.

**SNUG-RT-25** Yellow Poly T-Post Insulator. Fits on back side and extends wire 3 in. For 1.25 & 1.33 T-posts. Bag of 25, 1.5 lbs.

### Traditional Style Insulators



ELF-RS-25

ELF-WP-25

2210-10

Elfin One-Wire Insulators are made of weather resistant black polyethylene.

**ELF-RS-25** Elfin One-Wire Insulator only for wood or round post. Use with nails for wood post, J-bolts for round (not included). Bag of 25.

**ELF-WP-25** Elfin One-Wire Insulator for wood post, nails included. Bag of 25.

**2210-10** Double U End & Corner Insulator. Heavy to withstand pull of high-tensile wire. Black all-weather, engineering-grade polymer. Pkg. of 10. Wt. 1 lb.

### Porcelain Insulators



2799-25

2802-25

16D-25

1629-10

2356-10

Lengths given are without screw.

**2799-25** Insulator with lag bolt, heavy duty, 3". Box of 25. Wt. 1.1 lb.

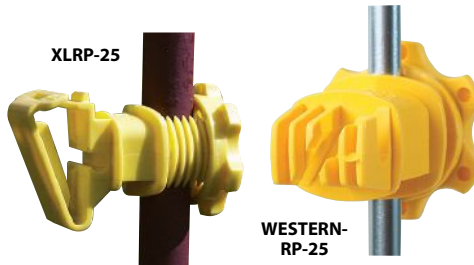
**2802-25** Insulator with lag bolt, standard, 2". Box of 25. Wt. 5.75 lbs.

**16D-25** Insulator with washer & double headed nail. Approximate length 1.5". The "Red Box" Insulator. Box of 25. Wt. 2.45 lbs.

**1629-10** Corner Insulator, horseshoe style, heavy duty, 2". Box of 10. Wt. 2.4 lbs.

**2356-10** Corner Insulator, heavy duty. Box of 10. Wt. 2 lbs.

### Round Post Insulators



XLRP-25

WESTERN-RP-25

**XLRP-25** Large Western two-part screw-tight insulator for oversized rods 1/4" to 7/8" diameter and 5/8" fiberglass t-posts. Holds wire, polywire/tape up to 1- 1/2" wide. Yellow Poly, 25 in a bag.

**WESTERN-RP-25** Screw tight insulator. Two-part yellow polyethylene, slips over 1/4" to 9/16" round posts and screws down tight. 25 insulators in self-selling, illustrated, heavy mil bag with red graphics denoting for round post.



440

### T-Post Clips

**440** Clip for Studded T-Post fits 1.25 and 1.33" T-posts. 11 ga. galvanized wire. Bag of 25, 8 oz.

### STEP-IN Fence Post



Ideal for quick fencing jobs, lightweight, reusable, step-in H-section post is made of insulating UV resistant copolymer with sharp steel tip. Eight wire holders suit steel wire, polywire or polytape up to 1.5" wide. Posts are packed in store display carton.

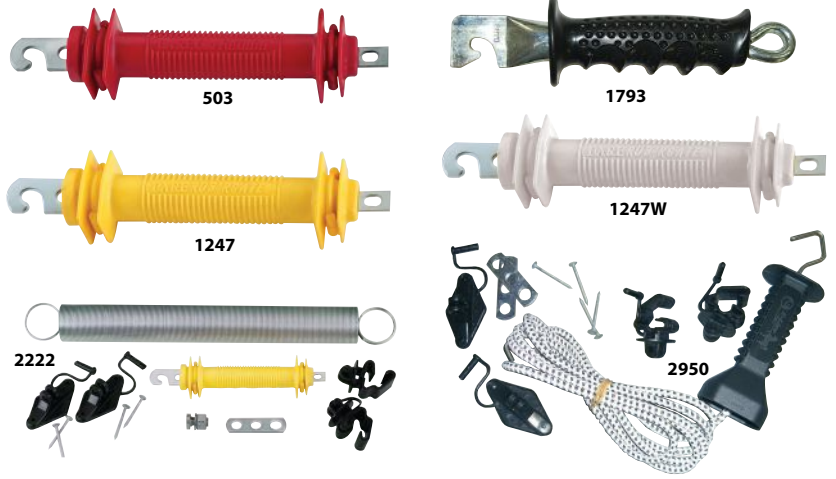
**2400** Step-In Poly Fence Post, black, 42.5" 50/carton. Wt. 36 lbs.

**2400W** Step-In Poly Fence Post, white, 42.5" 50/carton. Wt. 36 lbs.



# Insulated Gate Handles

- 503** "Old Faithful" Styrene Gate Handle with plated metal parts.
- 1793** "Old Ironsides" Deluxe Gate Handle. Hook, rod and loop are fashioned from one piece of 7/8" steel pipe. Large insulating grip made of flexible, unbreakable UV-stabilized material.
- 1247** "Rub'rgate" Rubber & Vinyl Gate Handle with enclosed spring. Comfortable flanges. Hard hat yellow color.
- 1247W** White "Rub'rgate" Rubber & Vinyl Gate Handle with enclosed spring. Comfortable flanges.
- 2222** "Expando" Slinky Style Gate Handle stretches to fit up to 20' gate opening. Bright yellow plastic parts.
- 2950** Bungee-Style Gate Handle stretches to fit openings up to 20 ft. Safe for horses. For wood and T-posts.



## T-Post Puller



Metal T-Post Puller may be used with tractor bucket, chain, various types of jacks and S-hooks. Slot design allows attachment of different gauges of chain and hooks.

**PP161104** Metal T-Post Puller. Wt. 2.3 lbs.

## T-Post Puller



T-Post Puller uses leverage on the notches on a studded T-post to pop it out effortlessly and with no damage to the post. 48" handle is made of 1-1/2" square tubing; working head is 1/4" steel with hardened pins at the pivot points. To use, the head of the T-Post Puller is dropped over the post until support leg rests on the ground. As handle is raised and lowered, an automatic ratchet action raises the T-post out of the ground.

**FP161160** T-Post Puller. Wt. 17 lbs.

## Barbed Wire Carrier



Barbed Wire Carrier is a safe and efficient way to carry rolls of barbed wire. The Carrier grips the inside of the roll then swivels so that an individual can unroll the wire without assistance. Carrier has comfortable D-handle.

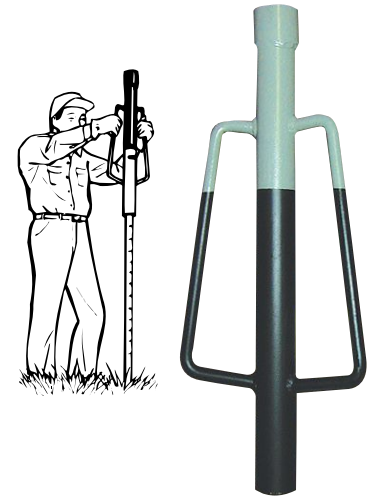
**GP161103** Barbed Wire Carrier. Wt. 5 lbs.

## Insulated Gate Handle



**514-5600** Yellow Plastic Gate Handle is a one-piece molded handle surrounding a compression spring assembly which absorbs all the tension.

## Post Pounder



Heavy steel Post Pounder features side handles which are tapered in for good leverage. Accomplishes the job with minimum strain to hands and back.

**F15** Steel Post Pounder (2" ID). Wt. 17 lbs.

Farm & Home



## Electric Drive-Thru Gate



ADJUSTABLE  
WIDTH

You can walk through, or drive any vehicle through. Holds all livestock like an electric fence to which it is connected. Animals learn quickly once they have experienced the harmless shock from the hanging cables. Even holds bulls. Satisfaction guaranteed.

### REPLACEMENT PARTS

**K1319** Electric Gate for opening 13 to 19 ft. Wt. 20 lbs.

**K1824** Electric Gate for opening 18 to 24 ft. Wt. 23 lbs.

**K025** Hose with streamers (one).

**K023** Fiberglass rod (one).

**K011** Post insulator for gates.



One Splice  
Per Join!

ST6

SS-50

WW-50

GB-50

LBW-50

Dual purpose, high quality fence tool with adjustable case hardened jaws performs both splicing and cutting. Only one splice needed per join. For quick fence repair, use a wire stretcher to take up slack, cut and unwind wire, overlap slack, insert splice and crimp. Extends the life of wire fencing jobs. Lifetime Warranty.

**8105T** Cut & Crimp Dual Purpose Tool, 22" long. Wt. 6 lbs.

**ST6** Stainless steel splices for 12.5 to 15.5 ga. hi-tensile wire in smooth, woven or top and bottom woven styles. Package of 50, wt. .5 lb.

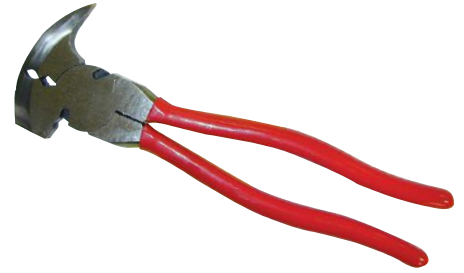
**SS-50** Galvanized splices for 12.5 to 15.5 ga. hi-tensile smooth or woven wire. Pkg. of 50, wt. .7 lb.

**WW-50** Galvanized splices for 10 to 16 ga. woven, welded or smooth wire. Pkg. of 50, wt. .5 lb.

**GB-50** Galvanized splices for 15.5 ga. hi-tensile barbed wire, 10 ga. woven and 10.5 ga. hi-tensile woven. Pkg. of 50, wt. .9 lb.

**LBW-50** Galvanized splices for 12.5 to 14 ga. barb wire, 9 ga. smooth wire and 9 ga. top and bottom woven wire. Pkg. of 50, wt. .8 lb.

## All-Purpose Fence Tool



**1249** All-Purpose Fence Tool. For fencing tasks on metal or wood, the All-Purpose Fence Tool cuts, splices and stretches wire. Pulls staples, drive lugs and snips wire with ease. Drop forged steel with plastic coated handles. Wt. 1.5 lbs.

## Wire Gripper



Wire Gripper is an efficient and safe way to grip wire for fencing and other work. Slip the wire into collar, attach a come-along and stretch. Works with barb wire, smooth wire and small cable.

**GP161110** Wire Gripper. Wt. 1 lb.

## Aluminum Fence Wire



Aluminum electric fence wire never rusts and conducts electricity four times better than steel at 1/3 the weight. Aluminum wire has better flexibility, can be hand twisted and tied, and no special tools are necessary. Wire is easy to respool and reuse.

Stock No.	Gauge	Wire Length	Wt.
<b>14AL1320</b>	14 ga.	1/4 Mile	8 lbs.
<b>14AL2620</b>	14 ga.	1/2 Mile	15 lbs.
<b>16AL164</b>	16 ga.	164 ft.	1 lb.
<b>16AL1320</b>	16 ga.	1/4 Mile	5 lbs.
<b>16AL2640</b>	16 ga.	1/2 Mile	10 lbs.

## PETE'S NO-SAG UNIVERSAL Gate Wheel

New-style Universal Gate Wheel mounts to the gate upright and is totally adjustable by loosening the bracket and slipping the wheel up or down. Gate Wheel fits any standard tubing up to 2" in diameter and adjusts to heights up to 24".

No-Sag Gate Wheel extends the life of gates and hinges by supporting the swinging end. Non-corrosive hard rubber wheel is securely attached to the metal rod and bracket.

**F30** "Pete's" Wheel. Wt. 8 lbs.



## Gate Wheel



Installing the Gate Wheel permits the fence gate swing with ease and helps prevent gate from sagging and straining the hinges. Gate Wheel includes all necessary hardware and will fit round tube of sizes 1-5/8 to 2".

**GL16106** Gate Wheel. Wt. 5 lbs.

## Gate Anchor



Gate Anchor holds gate open in any position preventing it from sagging or swinging. It may also be placed horizontally and used as a slide latch. Zinc-plated metal.

**RSS-1** Gate Anchor. Wt. 4 lbs.

## Lockable Gate Latches

Large, for up to 2" tube

**OWR158-2**  
One-Way  
Lockable



**GL16101**  
Two-Way  
Lockable



Lockable Gate Latches are durable and safe and may be operated with one hand. They fit gates with 1-5/8" to 2" round tube and prevent gate end from sagging and stressing the hinges. Two-way style allows gate to swing both ways and can be opened from horse-back. Complete kits include latch, receiver and all necessary bolts and hardware. Zinc-plated metal. Lockable with padlock or keylock (not included.)

**OWR158-2** One-Way Lockable Gate Latch complete. Wt. 4 lbs.

**GL16101** Two-Way Lockable Gate Latch, complete. Wt. 5 lbs.

## Quicklatch Gate Latch



**WA-1**



This wrap-around latch is animal-proof, fool-proof and constructed for a life time. Cadmium-plated with stainless steel spring action, it holds up to 1/4" chain and is ideal for large animal tie-out. To use, push together and make a quarter-turn. Easily done even with gloves on. When closed, Quicklatch stays closed. Carded on self-selling packaging. Chain not included.

**WA-1** Chain-Type Quicklatch. Male end with cold-shut for one end of your chain, female end with pin for other end.

## Gate Hinges

**GL16108**



**GL16109**



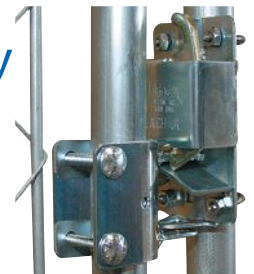
Gate Hinges are designed for round tube gates. Kit includes upper and lower hinges and mounting hardware, all zinc-plated. Hinge Sets come in colorful self-selling packaging.

**GL16108** Gate Hinge set with 6" lag bolts for 1-5/8" to 1-3/4" OD round tube gate. 3 lbs.

**GL16109** Gate Hinge set with 12" lag bolts for 2" OD round tube gate. 6 lbs.

## Two-Way Gate Latch

Small  
for 1-1/4"  
to 1-1/2" Pipe



This heavy-duty zinc-plated Gate Latch fits smaller tube, from 1-1/4" to 1-1/2" diameter. Lockable two-way Gate Latch may be operated with one hand, even on horseback. When released, the gate can swing either way. Latched, stress is taken off the hinges and gate will not sag. Complete with instructions and mounting hardware. Lock not included.

**LSLJ** Lockable Two-Way Gate Latch. Wt. 3 lbs.

## Hitch Pins

Special alloy machined Hitch Pins are ruggedly designed with extra-large handles for easy grip. Extra-large pin head for greater safety and longer life. Each or box of one dozen.

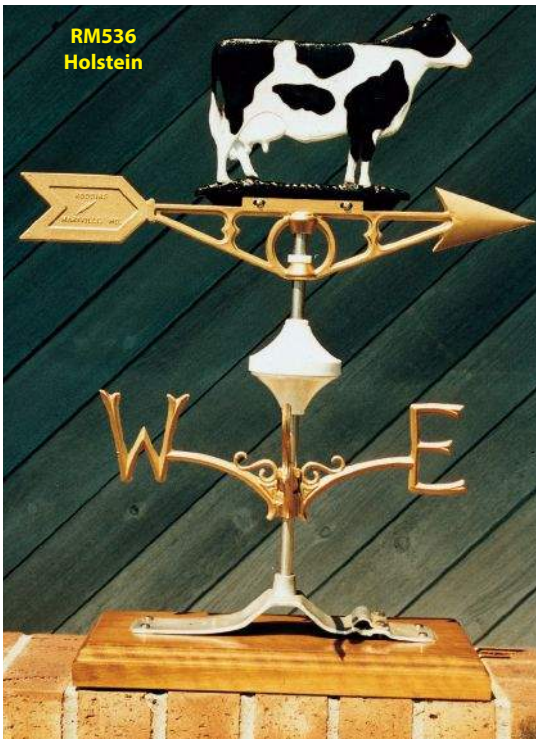
Stock No.	Size	Wt./Dz.	Repl. Clip
490	1/2 X 3-3/4"	6 lbs.	11E
500	5/8 X 6"	11 lbs.	11E
510	3/4 X 6-1/4"	13 lbs.	9E
520	7/8 X 6"	17 lbs.	9E
525	1 X 6"	23 lbs.	8E



COMPLETE WITH  
HAIRPIN CLIPS



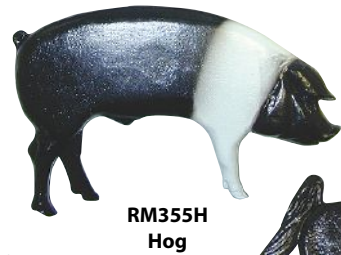
# ROBBINS Weather Vanes



**RM536**  
Holstein



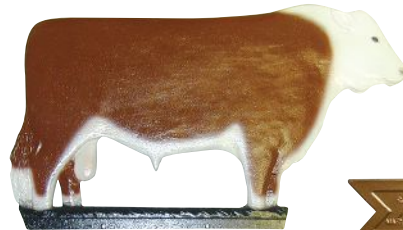
**RM510**  
Rooster



**RM355H**  
Hog



**RM511**  
Horse



**RM516**  
Bull



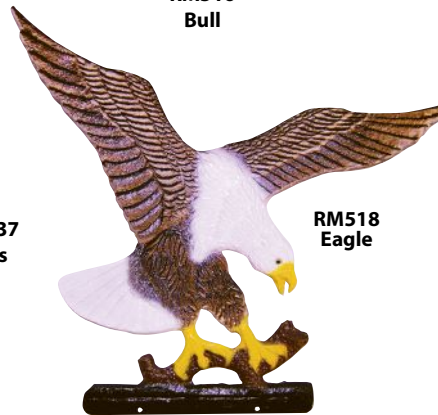
**RM701** Antique-Style



**RM576**  
Whitetail



**RM537**  
Bass



**RM518**  
Eagle

Decorative, realistically Robbins Metal Craft Weather Vanes feature cast aluminum animals, several of them hand-painted as shown, 19" gold-painted directional arrow, unbreakable spacer, and gold-painted directional indicators. Universal mounting bracket fits roofs of any angle. Hardware is included for quick and easy assembly. Wt. 5 lbs.

- RM510** Rooster, overall height 31".
- RM355H** Hampshire Hog, overall height 25".
- RM516** Hereford Bull, overall height 27".
- RM536** Holstein, overall height 25".
- RM511** Prancing Horse, overall height 27".

- RM576** Whitetail Deer, overall height 24".
- RM537** Largemouth Bass, overall ht. 27.5".
- RM518** Painted Eagle, overall height 31".
- RM701** Antique-Style Wind Vane with Compass, overall height 19".

## Rain Gauges



- 00810** Cylinder Rain Gauge, 5.5" glass vial with aluminum holder and 1/10th inch graduations. Blister-packed.
- 00840** Wedge Rain Gauge, 6" capacity, marked in inches and cm. Includes brackets for post or may be pushed in the ground. Carded.

## Jumbo Rain Gauge

Jumbo E-Z Read rain Gauge measures rainfall up to 5". 24" tall, with large, bright yellow markings and colored float, it's readable from up to 50 feet. Comes fully assembled with instructions and rust-resistant, powder-coated bracket for mounting on post, fence or in the ground. Now improved with debris-guard funnel.

- 110212B** Jumbo E-Z Read Gauge.



# Colorful Outdoor Thermometers



01737



01839



01733



01917



8001875



01783



01782

Decorative thermometers offer useful information with style and color. These 12" dial thermometers feature quality construction and materials combined with large, readable numerals. Choose animal and wildlife favorites, or nostalgic tractor scenes. Designs are silk-screened in colorful detail on the face of these durable and attractive thermometers.

All metal parts are rustproof. Shatterproof molded crystal makes these thermometers safe for indoor or outdoor use. Packed in individual display carton. All thermometers weigh 1 lb.

## Animal Favorites Fahrenheit scale only

- 01737 Deer Thermometer.
- 01839 Galloping Horses Thermometer
- 01733 Rooster Thermometer
- 01917 Horses Thermometer

## Farm Favorites

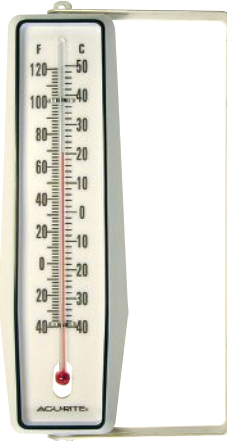
- 8001875 Harvest Acres Thermometer, fahrenheit scale only.
- 01783 "Starting Them Young" Thermometer, dual scale.
- 01782 "Shop Talk" Thermometer, dual scale.

**acu-rite**

## Thermometer

Outdoor Window or Wall Thermometer has bold numbers in Fahrenheit and centigrade. Large 2-3/4" x 9-5/16" size. Special hanger bracket permits thermometer to be locked in any of six positions. Blister packed on attractive 6" x 12" sales card. Pack of six weighs 1 lb.

00330 Outdoor Window/Wall Thermometer.



## Minimum-Maximum Thermometer

Plastic Thermometer shows minimum-maximum, and current temperature on both the celsius and fahrenheit scale. Reset button on front of scale. Heavy plastic case has hanger hole for quick mounting on nail or hook.

32-680 Minimum-Maximum Thermometer.



## Top Quality 100% Rubber Tie-Downs



Strong, stretchable 100% Rubber Tie-Downs have many uses – truck, tarps, car-tops, boat covering, marine, tent ropes, etc. They stretch gently under tension yet hold securely. Heavily reinforced at each end, Tie-Downs are furnished with attached S-hooks.

Stock No.	Length	Wt. per 100
2309	9"	12 lbs.
2315	15"	20 lbs.
2321	21"	25 lbs.
2331	31"	30 lbs.
2341	41"	50 lbs.





## Sportsmen's Bell



The tone of these bells is excellent for field trial training, and to locate the dog. Useful when thick cover prevents the dog from being seen. The sound of the bell will cause birds to lie close. Hand-polished brass bell is 1-5/8" high overall and 2" in diameter.

**1** Brass Sportsmen's Bell. Wt. 2 oz.

## Swiss Cow Bells



This pattern is the famous 1878 Saigne Legier Tuned Swiss Bell. This musical bell is made of fine cast bronze with superior ringing qualities. Plain bright finish with iron loop.

- 05** Diameter 2-3/4" Wt. 7 oz.
- 25** Diameter 3-1/4" Wt. 8 oz.
- 35** Diameter 3-5/8" Wt. 12 oz.
- 45** Diameter 3-7/8" Wt. 12 oz.
- 055** Diameter 4-3/8" Wt. 1 lb.
- 55** Diameter 4-7/8" Wt. 1-1/2 lbs.



## Kentucky Cow Bells

Kentucky Cow Bells produce a dull tonal quality that can be heard at great distances. Steel bell with coppered finish. Loop and eye which holds the clapper is made of one piece so clapper stays attached even with heavy use.

- 5K** Overall height 4" Wt. 8 oz.
- 2K** Overall height 5-1/2" Wt. 12 oz.
- 0K** Overall height 7-1/4" Wt. 1.5 lbs.



## Long Distance Cow Bells

Primary use for these bells is for stock and range farming. However, they are also popular as noise-makers at sporting events, holidays, etc.

Long Distance Cow Bells have a sharp tone which can be clearly heard at long distances. Made of one piece of steel, welded, no rivets. Pebbled copper finish with loop.

- 8LD** Overall height 2-3/8" Wt. 2 oz.
- 9LD** Overall height 2-5/8" Wt. 3 oz.
- 10LD** Overall height 3-3/8" Wt. 5 oz.
- 12LD** Overall height 4-1/2" Wt. 8 oz.
- 014LD** Overall height 4-3/4" Wt. 9 oz.



## Souvenir Bells



**845B**



**XO**

Souvenir bells have a number of uses and are nice for pet collars, ornaments or doors.

**845B** Souvenir Bell, brass-plated steel, 1-5/8" diameter.

**XO** Souvenir Bell, copper-plated steel 1-9/16" overall height X 1-1/2" wide X 1-1/8" deep.

## Insulated Pac Boot



Top lacing, ozone-resistant rubber Pac Boot fits snugly at ankle. Soft pliable polymeric foam insulation and thick insulating mid-sole provides warmth. Featuring nylon net lining, steel shank, and heavy chevron outsole with full boot heel. Olive drab with yellow top band and 3-eyelet lacing.

**26004\*** Insulated Pac, olive drab, 12" high, men's sizes 5-15. Wt. 6 lbs.



## The "Burly" Boot



Fully waterproof, the Burly is made of ozone-resistant green rubber, naturally hand crafted with a ribbed vamp to resist snagging. Top strap and buckle adjustment completes the excellent fit and the arch is supported with a fiberglass shank.

**26604\*** Burly 18" Boot, men's sizes 5-15. Wt. 6 1/2 lbs.



## Insulated ZXT Knee Boot



Polymeric foam and wool felt insulation warms this Knee Boot made of natural hand-crafted ozone-resistant waterproof rubber. Knee Boot feature tractor tread outsole, full ankle design, ribbed vamp and steel shank in the arch for support and shovel protection.

**18901\*** Insulated Knee Boot, black with yellow band, 16" high, men's sizes 6-15. Wt. 6.5 lbs.



## MZ Series Overshoe



Heavy duty MZ Series Overshoes both feature diamond chevron rolled outsole and heel, ozone-resistant rubber and an ample cut to fit over even heavy work shoes.

The two-buckle rubber features a wide opening and self-draining gusset. The taller style is a 15", 5-buckle overshoe made to keep feet dry and comfortable in the toughest conditions.

**266100\*** Two-Buckle Rubber, men's sizes 6-16. Wt. 3 lbs.

**266200\*** Five-Buckle Overshoe, men's sizes 6-16. Wt. 4.5 lbs.



## ZXT Knee Boot



Knee Boot is made of natural hand-crafted ozone-resistant waterproof rubber and features tractor tread outsole, full ankle design, ribbed vamp and steel shank in the arch for support and shovel protection. Not insulated but lined with nylon.

**267180\*** Knee Boot, black with yellow band, 16" high, men's sizes 6-16. Wt. 5 lbs.



## The Utah Brogue II



Utah is a black brogue-style over-the-shoe boot with black band at the top and a handy strap-and-buckle adjustment. Nylon net lining helps the boot slip on and off easily. Made of ozone-resistant rubber with diamond chevron rolled outsole.

**100030\*** Utah Brogue Black Boot, 14" high, over-the-shoe, men's sizes 6-16. Wt. 4.5 lb.



## PVC Overshoe

Tingley 14" PVC Overshoes feature injection molded, seamless construction. They slip over the heaviest of work shoes and are 100% waterproof. Top is lightweight, stretchy and thin for comfort. Outsole is heavily cleated for good slip resistance and has a kick-off cleat for hands-free removal. For a good fit, Overshoe has two button holes for the molded-in button.

**1600\*** 14" PVC Overshoe, sizes S, M, L, XL, XXL. Wts. range from 4 to 5 lbs.



## Rubber Overshoe



Tingley Hi-Top Rubbers stretch easily over the bulkiest of workshoes. Made of natural rubber, they are 100% waterproof, seamless, and offer excellent tensile strength, tear resistance and stretch. The upper parts of the Rubber Overshoes are unlined and light weight for all day comfort and have molded-in button closure. Sizes include Small (men's 6 - 8), Medium (8 - 9), Large (9 - 11), XLarge (11-12), XXLarge (12 - 14), and XXXLarge (14 - 15).

**1300\*** Hi-Top Work Rubber, sizes S, M, L, XL, XXL and XXXL. Wt. ranges from 1.5 lb. to 2 lbs.

**1400\*** 10" Rubber Work Boot, sizes S, M, L, XL, XXL and XXXL. Wt. ranges from 1.9 lb. to 2.5 lbs.



## Economy PVC Knee Boot



Tingley Economy PVC 15" knee boots are perfect for wet conditions. They are injection molded, making them 100% waterproof. A removable cushion insole wicks away perspiration, helping keep feet dry and comfortable. Outsole is made of a tougher material and has self-cleaning cleats to drop debris with every step. Large cleats also provide great traction! Available in whole sizes 4 - 14.

**1151\*** Tingley Economy PVC Knee Boot with Plain Toe. Wt. 5 lbs.

**1251\*** Tingley Economy PVC Knee Boot with Steel Toe. Wt. 5 lbs.

### \* HOW TO ORDER BOOT SIZES

When a choice of size is indicated, specify by adding a hyphen and size to the end of the stock number.

For example, 26604-09 is the order number for a pair of 26604 Boots in size 9.

1600-XXL is the order number for a pair of 1600 boots in size XXLarge.



# steplite<sup>®</sup>X

« ULTIMATE COMFORT »

## Polyurethane Boots

- Improved outsole with kick-off cleat
- Resistant to chemicals, oils, fats, & manure
- Lighter weight than rubber or PVC
- Insulating cool in summer, warm in winter
- Lasts up to 2 times longer than rubber boots & 3 times longer than PVC boots
- Available in standard or steel toe



Complete with ventilating slip resistant washable Insoles

Size	StepliteX Boots	StepliteX Steel Toe*	Replacement Insoles
Size 4	918-1004		918-0004
Size 5	918-1005		918-0005
Size 6	918-1006		918-0006
Size 7	918-1007	918-2007	918-0007
Size 8	918-1008	918-2008	918-0008
Size 9	918-1009	918-2009	918-0009
Size 10	918-1010	918-2010	918-0010
Size 11	918-1011	918-2011	918-0011
Size 12	918-1012	918-2012	918-0012
Size 13	918-1013	918-2013	918-0013
Size 14	918-1014	918-2014	918-0014
Size 15	918-1015		918-0015
Size 16	918-1016		918-0016

StepliteX Boots are made of a unique poly blend which results in a bubble structure making a lightweight boot that is comfortable, insulating and extremely durable. This bubble structure creates polyurethane's dual nature of flexibility and durability which is a vast improvement over either rubber or PVC. Tests show that polyurethane boots last twice as long as rubber and three times as long as PVC and the material is highly resistant to oils, fats, chemicals and manure. Polyurethane's thermo-insulation structure makes StepliteX feel cooler in summer and warmer in winter. They remain flexible in temperatures as low as -22°F (-30°C), and are designed with a comfortable wide fit, a high toecap and improved sole profile for better stability. StepliteX Boots come complete with insoles for extra comfort, warmth and moisture absorption. Replacement insoles are available. Boots are 16" high with a cut line at 14". StepliteX is the best waterproof boot for parlor, barn and field work. Wts. range from 4.3 lbs. to 5.9 lbs.

\* Steel Toe is ASTM F2413-11 Compliant.

### Boot 'n' Shoe Brush

With Built-In Hide-Away Scraper



**SPARTA CARLISLE**

Angle and shape of the brushes enable bristles to get around cleats and into crevices for TOTAL cleaning. With the tip of the toe, flip up the brushes to expose the steel scraper bar to easily remove large accumulations from sole and instep.

**SP2900** Boot 'n' Shoe Brush complete. Wt. 5 lbs.

**SP2901** Replacement Brush (one).



### "Scrusher" BOOT & SHOE CLEANER

The Scrusher is a combination scrubber, scraper and cleaning brush. Sides and bottom of boots and shoes are brushed clean with one motion of the leg while the strong steel frame provides additional scraping action. Brushes are hard maple set with stiff poly bristles for soles and softer bristles for upper shoe. Scrushers may be used as portable brushes or attached to mat or deck or flooring with mounting screws provided.

**SC5U** Big Boot Scrusher, wide hand-welded base, sized for the largest work boots. Wt. 10 lbs.

**I4** Heavy Duty Scrusher. Wt. 10 lbs.

**SB5U** Repl. brushes for Heavy Duty and Big Boot Scrushers, I4 and SC5U.

**H1** Scrusher for home use. Wt. 5 lbs.

**SBM1** Repl. brushes for H1 Scrusher.

### Coburn Scrape 'n' Brush Boot Cleaner



Coburn Scrape 'n' Brush Boot Cleaner has stiff polypropylene bristles and a hidden scraper bar for removing that last bit of dried-on material. Boot Cleaner may be anchored to the floor. Overall dimensions are 15" X 17" X 8.5".  
**RB3501** Coburn Scrape 'n' Brush Boot Cleaner. Wt. 4.4 lbs.  
**RB3502** Replacement Brush

**ATLAS  
GLOVE**  
*The Original!*

## Atlas Gloves

A370



Atlas Fit Gloves are known for superior fit and excellent grip qualities whether wet or dry. Knit back keeps its shape and provides excellent ventilation so sweat does not build up inside the glove.

**A370\*** Atlas Nitrile Tough Glove with longer cuff and dark-colored nitrile coating on palm and fingers. Nitrile is durable, abrasion and puncture-resistant, sensitive, and slightly sticky for a good grip. Specify S, M, L or XL.



## Gloves



**M818\*** Green Chore Glove made of 18 oz. fleece with matching green knit wrist, wing thumb. Specify L, XL or XXL.

**M808L\*** Lightweight White Canvas Glove with knit wrist. Specify L or XL.

**M1777\*** Cotton String Knitted Work Glove is reversible and features PVC gripper dots on both sides. Specify M, L or XL.

**M1778\*** Reversible Acrylic/Nylon Knit Glove has PVC web coating on both sides. Excellent grip whether wet or dry. Reinforced thumb/index fingers for abrasion resistance. Specify M, L or XL.

**M1791\*** Gripping Glove, gray knit with blue latex palm, knit wrist. Specify M, L or XL.

**M816\*** Yellow Chore Glove of 16 oz. fleece with navy blue knit wrist, wing thumb. Specify L, XL or XXL.

**M814\*** Yellow Chore Glove of 14 oz. fleece with red knit wrist and straight thumb. Specify L or XL.

**M820RL\*** 10 oz. Brown Jersey Cotton Glove with red jersey lining and elastic back. Gunn cut. Specify S or L.

**M820\*** 8 oz. Brown Jersey Cotton Glove has knit wrist. Specify L or XL.

**M1790\*** Warm Grip Thermal Glove has crinkle-finish latex coated palm and fingers with acrylic knitted shell and wrist. Specify S, M, L or XL.

**M1789\*** Frostbreaker Thermal Glove has thick black acrylic shell, knitted wrist and dipped blue latex palm and fingers. Specify S, M, L or XL.

**M1894CR\*** Cut Resistant Glove has micro-foam nitrile coated palm for padded gripping power and protection and shell made of cut resistant Styra<sup>™</sup> and fiberglass threads with level 5 blade cut resistance. Specify M, L, or XL.



## CHEMICAL RESISTANT GLOVES



A730

**A730\*** Nitril-Solve Waterproof Glove is made of 15 mil nitrile with flock lining. A good choice for clean-up of fuel, petrochemicals, oils and greases where a warm glove is not needed. Specify S, M, L or XL.



## Mittens



M1930

**M1930\*** "Axeman" grain cowhide leather mitten has inner Heatkeep<sup>®</sup> lining with fingers and elastic back. Specify L or XL.



M1931

**M1931\*** Cowhide Chopper Shell with grain cowhide palm, suede back and elastic wrist. Use your own liner or, for a perfect fit, order M5230 Ragg Wool Mitten. Specify L or XL.



M5230

**M5230\*** Ragg Wool Mitten / Liner fits perfectly in the M1931 Cowhide Shell or may be worn alone. Wool blended with nylon and acrylic. Specify L or XL.

### \* HOW TO ORDER GLOVES

Gloves are offered in men's sizes. When a choice of sizes is indicated, specify by adding letters to the end of the stock number. For example, M99XL is the order number for a pair of M99 gloves in size XL.



# Work Gloves by



M1927KW



M1927



M1926KW



M1926



M94HK



M198HK



M98



M198



M99



M97



M50



M94WA



M1412L



M1917



M1917KW



M1600



M1500

## Cold Weather Work Gloves with Heatkeep® Lining

**M1927KW\*** Grain pigskin leather palm glove has wing thumb, knit wrist and thin, insulating Heatkeep® lining. Specify XS, S, M, L, XL or XXL.

**M1927\*** Grain pigskin leather palm glove has Heatkeep® lining, wing thumb, cuff-type wrist. Specify S, M, L, XL or XXL.

**M1926KW\*** Split grain pigskin leather palm glove has wing thumb, knit wrist and Heatkeep® lining. Specify M, L or XL.

**M1926\*** Split grain pigskin leather palm glove has wing thumb, cuff-type wrist and insulating Heatkeep® lining. Specify L or XL.

**M94HK\*** Grain pigskin cold weather glove has knit wrist and Heatkeep® lining. Specify S, M, L or XL.

**M198HK\*** Premium grade gold-grain cowhide leather glove features keystone thumb, shirred elastic back, double leather palm patch and Heatkeep® lining. Specify M, L, XL.

**Our selection of Kinco gloves offers hand protection throughout a range of activities and weather conditions. Whether a top-of-the-line glove or one of the economical styles, Kinco gloves use materials chosen for quality or specific features. Pigskin is functional even when wet, yet dries soft. Heatkeep® lining is a thin insulator that has shown its superiority in side-by-side tests with competing thin insulations. Many styles feature extra reinforcement for durability and long life.**

### \* HOW TO ORDER GLOVES

Gloves are offered in men's sizes. When a choice of sizes is indicated, specify by adding letters to the end of the stock number. For example, M99XL is the order number for a pair of M99 gloves in size XL.

## All-Weather Work Gloves

**M98\*** Unlined grain cowhide glove has keystone thumb and shirred elastic back. S, M, L, XL, XXL.

**M198\*** Premium grade gold-grain cowhide leather unlined glove features keystone thumb, shirred elastic back, double leather palm patch. Good for warm-weather fencing chores. Specify M, L, XL.

**M99\*** Unlined grain cowhide glove has keystone thumb and pull strap for comfortable fit. S, M, L or XL.

**M97\*** Unlined suede cowhide glove has keystone thumb, shirred back and reinforced palm. Good for fencing. M, L or XL.

**M50\*** Unlined suede cowhide driver's glove. Specify M, L or XL.

**M94WA\*** Pigskin driver's glove has grain palm, suede back with shirred elastic and wraparound index finger for extra protection. Specify S, M, L or XL.

**M1412L** Cuff wrist work glove is an economical choice and features golden brushed pigskin leather palm and wing thumb. Men's large.

**M1917\*** Strong and supple grain pigskin leather covers the palm and fingertips of this tough work glove. Dries soft even after wet chores. Rubberized gauntlet-style safety cuff. Specify S, M, L or XL.

**M1917KW\*** Strong and supple grain pigskin dries soft even after wet, dirty chores. Leather covers the palm and fingertips. Polyester knit wrist. Specify S, M, L or XL.

**M1600\*** Premium leather double-palm glove has raised stitching for extra grip, wing thumb and rubberized cuff. Specify L or XL.

**M1500\*** Gray suede cowhide palm glove has rubberized safety cuff and wing thumb. Specify M, L or XL.

## SOLO Back Pack Sprayer



The Rugged Solo Backpack Sprayer is designed for jobs both large and small. The piston pump system can produce a wide pressure range up to 90 psi and is capable of performing virtually every spraying task.

- High performance piston pump for increased pressure capabilities
- Rugged metal frame for stability when filling
- Extra-large tank openings for easier filling and cleaning
- 28" unbreakable wand and shut-off valve for excellent reach
- Commercial shut-off valve with lock-on/lock-off feature to minimize user fatigue
- Chemical resistant seals for outstanding resistance to harsh chemicals
- Interchangeable pump handle for left or right-hand operation
- Triple filtration system: filter basket, inlet screen and nozzle filter
- Four-nozzle assortment for multiple spraying tasks
- Covered by one-year limited warranty

430-0201 Solo Backpack Sprayer, 4 gallon capacity.

430-0103 Piston Pump Repair Kit.



430-0103

## SOLO Pressure Sprayers



Solo's 430 Series Sprayers are high performance sprayers with efficient piston pumps that pressurize the tank 50% more efficiently than other pressure sprayers and feature:

- Long-lasting HDPE tank with UV inhibitors, corrosion-resistant
- Funnel top for easy fill and large secondary opening for easy clean-up
- 28" unbreakable wand and shut-off valve for extended reach
- Commercial shut-off valve with lock-on/lock-off feature to minimize user fatigue
- Adjustable shoulder strap and built-in wand retainer for easy carrying and storage
- Outstanding durability with all Viton seals
- Pressure relief valves to release excess pressure
- Four-nozzle assortment for multiple spraying tasks
- Covered by a five-year limited warranty

430-0001 Solo Premium Sprayer, 1 gallon capacity.

430-0002 Solo Premium Sprayer, 2 gallon capacity.

430-0003 Solo Premium Sprayer, 3 gallon capacity.

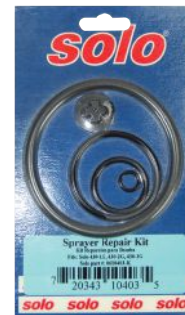
### Repair & Replacement Parts

430-0101 28" Universal Wand Assembly

430-0102 430 Series Repair Kit

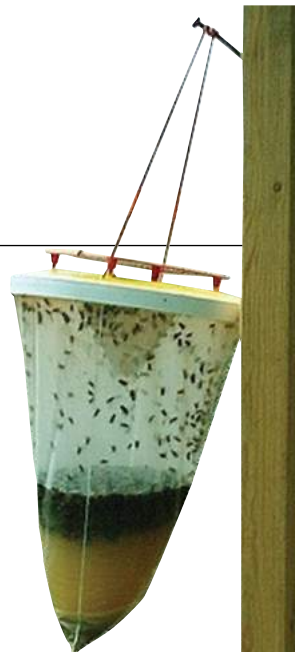
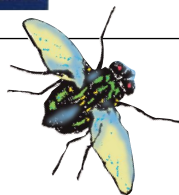
430-0101

430-0102



36201

## Outdoor Fly Trap FliesBeGone



FliesBeGone is an amazingly effective outdoor fly control product which is non-toxic, pesticide-free, maintenance-free, disposable, and even works on fruit flies and pesticide-resistant flies. One trap will cover half a football field and will catch 20,000 flies, a much broader range and larger capacity than other competing fly traps. FliesBeGone outside the barn and Sticky Roll inside the barn comprise an effective and pesticide-free fly control program for dairies, stables, and premises of all kinds.

Kit comes complete with bag, protein-based bait concentrate and instructions. Just add water and hang it up. Lasts approximately one month.

36201 FliesBeGone Disposable Outdoor Fly Trap, complete. Wt. .5 lb.



## FOGMASTER Tri-Jet Fogger



The Tri-Jet Fogger is a quality, portable fogger that offers adjustable output for efficient coverage of large areas. Pest and odor control, as well as germicide applications are made easier and more efficient with the Tri-Jet.

A two-stage "Tornado" action at the Vortex Venturi Nozzles impels fog at velocities required to properly treat large areas. There is virtually no drop in dispersion, as the fog moves away from the nozzles, within prescribed distances.

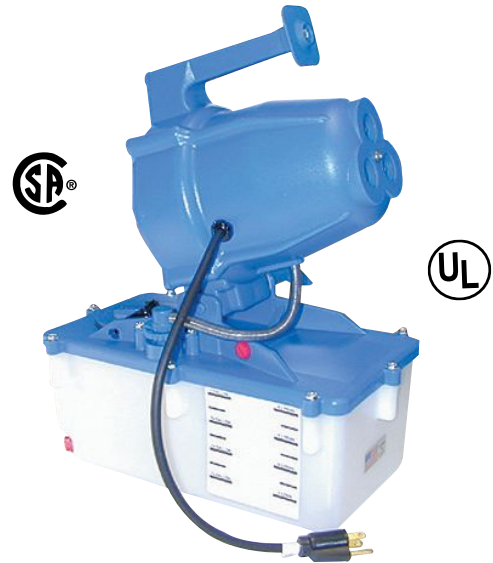
Adjust fog output from 1/3 of maximum output, up to full maximum output (approx. 5 gallons per hour), by turning the control knob. Both oil-base and water-base emulsions are dispersed with ease. The head adjusts to move fog direction from 27° downward to 40° upward from a horizontal position.

Designed for years of dependable, trouble-free operation, the Tri-Jet features nozzles made from CELCON, heavy gauge aluminum head and body and a Five Year factory warranty on maintenance and parts.

Continuous duty motor, 110/120VAC. 12" long, 9" in diameter and, 15-3/8" high. Parts available.

**6208** Tri-Jet Fogger. One gallon capacity tank. Wt. 12 lbs.

## HURRICANE Portable Aerosol Fogger



This light-weight, portable fogger is engineered for use with water-based or oil-based insecticides. The fully adjustable output metering valve allows the user to control the rate of application easily. Three precision nozzles insure greater output (up to 5 gallon/hour) and provide an effective tumbling and rolling fog. An intake filter protects motor.

Particle size averages 20 microns. The high density chemical-resistant polyethylene body is mounted on a one-gallon translucent tank with convenient emptying valve. Dimensions: 13"L x 8"W x 14"H. 110VAC. UL listed and CSA approved.

**2790** Hurricane Aerosol Fogger. Wt. 8 lbs.

## Holstein Printed Glassware



These screen printed glasses feature the unmistakable markings of a Holstein. A great addition to any home, our glasses are ideal for all of your favorite beverages! Dishwasher safe glasses are manufactured and printed in the USA using environmentally safe black ink.

**9-000928** 16 oz. Holstein Pint Glass

**9-000929** 5.5 oz. Holstein Glass

## Custom Printed Glassware



Custom printing is available! Are you interested in printing a glass with your logo for an open house, customer appreciation gift or just to have around the dealership? We have a low order minimum of 72 glasses and several packaging options. Call or email us today for additional information!



# STICKY ROLL

fly tape system

## Super Size Sticky Roll

Mr. Sticky's Super Size Sticky Roll brings a full 2500 ft. of non-polluting, non-toxic Sticky Roll to the war on flies. Sticky Roll is a reel-to-reel system of sticky tape that really catches flies! When flies first hatch, after feeding, or when the weather cools, flies tend to congregate overhead and search for a light-colored ledge. Once entrapped in Sticky Roll, they produce stress chemicals which are irresistible attractants to other flies. When a length of tape is full, wind it up, flies and all, onto the disposable reel and throw it away.

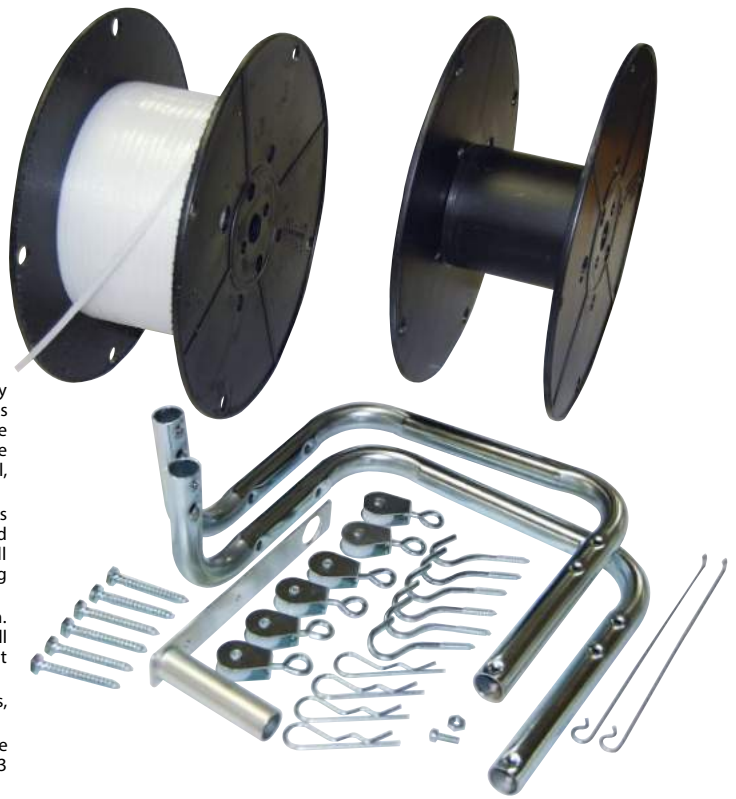
Sticky-Roll is a safe and effective system that is easy to install for use in areas such as dairy barns, horse stables, animal premises of all kinds, veterinary areas, kennels, zoos, food processing areas -- anywhere flies are a problem. USDA testing showed that Sticky Roll captured 92% of available flies, an astonishing performance for a non-toxic, non-polluting control system.

Sticky Roll tape is a quarter-inch wide white sticky tape that flies just love to land on. The Deluxe Super Size System features a 2500 ft. roll of Sticky Roll, an empty take-up reel, all necessary mounting hardware, pulleys and hooks for installing a network of tape throughout a large enclosure.

**SI2508** Super Size Sticky Roll, 2500 ft. roll Deluxe Kit including take-up reel, handle, 6 pulleys, 6 ceiling hooks, all necessary hardware and multi-lingual instructions. Wt. 8.5 lbs.

**SI2501** Super Size Sticky Roll 2500 ft. Upgrade Kit. For customers who already have the hardware set for deluxe system shown on opposite page. Includes 2500 ft. roll, take-up reel, 3 pulleys and 3 ceiling hooks. Wt. 6 lbs.

**SI2500** Super Size Sticky Roll Refill 2500 ft. roll. Wt. 4.5 lbs.



## Mr. Sticky



## Fly Catching Ribbons



SI2000

SI2010

The only Fly Ribbon endorsed by Mr. Sticky himself! 4 Ribbons per pack, 24 packs in a display carton. Or buy ribbons in bulk.

**SI2000** Display Carton of 24 Packs, 4 ribbons per pack.

**SI2010** Mr. Sticky Fly Ribbons, bulk, 100 per case.

# STICKY ROLL

fly tape system

## Mini-Kits



### 81 ft. MINI-KIT

Mini-Kit is the right size Sticky Roll system for smaller barns, home use or wherever a quicker installation is preferred. Mini-Kit is complete with Sticky Roll tape, take-up reel, mounting brackets, screws, all in handy blister-pack. Available in special equine graphics packaging or all-market packaging.

**SI1060** Mini-Kit with 81 ft. Sticky Roll.

**SI1070** Mini-Kit refill 81 ft. Sticky Roll.

**SI1E1080** Mini-Kit with equine graphics, 81 ft.

**SI1E1090** Mini-Kit refill equine graphics, 81 ft.





# STICKY ROLL®

fly tape system

## Deluxe Heavy-Duty Kit

with pulleys for around-the-barn fly trap system



non-toxic  
non-polluting  
safe and effective

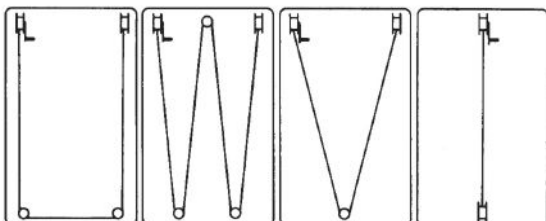
Non-polluting, non-toxic Sticky Roll is a reel-to-reel system of sticky tape that really catches flies! When flies first hatch, after feeding, or when the weather cools, flies tend to congregate overhead where they are caught in the roll. Once entrapped, they produce stress chemicals which are irresistible attractants to other flies. When a length of tape is full, wind it up, flies and all, onto the disposable reel and throw it away.

Sticky-Roll is a safe and effective system that is easy to install for use in areas such as dairy barns, horse stables, animal premises of all kinds, veterinary areas, kennels, zoos, food processing areas, anywhere flies are a problem. USDA testing shows that Sticky Roll captured 92% of available flies, an astonishing performance for a non-toxic, non-polluting control system.

Sticky Roll tape is a quarter-inch wide white sticky tape that flies just love to land on. The Deluxe System features a large roll of Sticky Roll, all necessary mounting hardware, and pulleys for installing a network of tape throughout a large enclosure. Sticky Roll is also available in 81-foot Mini-Kits, sold on opposite page.

### INSTALLATION

For best results, install tape within 6 inches of the ceiling above your fly population and away from breezes. Install a pulley system in a pattern that best fits your space. Some suggestions:



### DELUXE SYSTEM

For installation in large barns or stables, the Sticky Deluxe System is the one to use. Deluxe Hardware Kit includes heavy duty mounting rails, take-up reel, hand crank, screws, three pulleys and three ceiling hooks for installing an around-the-barn network of tape for most effective coverage in large enclosures. Refills, available in 600 ft. or 1000 ft. lengths, are easily installed when the tape is used up. Discard full reel of tape, flies and all. Complete instructions are included in four languages, English, French, German and Spanish.

Deluxe Kits and Refills come in colorful self-selling barcoded boxes, featuring Mr. Sticky, "Your Pest Control Partner."

**SI1008** Deluxe Sticky Roll System complete with 1000 ft. roll of tape, pulleys and hardware. Wt. 4.7 lbs.

**SI1007** Deluxe Sticky Roll System complete with 600 ft. roll of tape, pulleys and hardware. Wt. 4.1 lbs.

**SI1000** Sticky Roll Refill, 1000 ft. roll. Wt. 2 lbs.

**SI1020** Sticky Roll Refill, 600 ft. roll. Wt. 1.6 lbs.

**SIE1020** Sticky Roll Refill, 600 ft. roll, equine graphics. Wt. 1.6 lbs.

**SIE1000** Sticky Roll Refill, 1000 ft. roll, equine graphics. Wt. 2 lbs.

**SI1010** Deluxe Hardware Kit only. Order Sticky Roll Tape Refill separately. Wt. 2.8 lbs.

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