Dear Business Partner,

The Original Dr. N. Gerber – This name stands for quality

Ever since Gerber Instruments AG was founded by Dr. N. Gerber more than 120 years ago the focus lies on the butyrometers to determine the fat content in milk and dairy products.
In 1892 these glass instruments and the acid butyrometry were developed by Dr. Niklaus Gerber.

It was important for him to be able to establish a reliable and easy-to-use instrument to determine the quality of milk. His method credited the Swiss dairy industry with its international reputation and is worldwide indispensable for laboratories.

Gerber Instruments AG stands today, as it was 120 years ago, as a benchmark of the quality determination in the dairy industry.

This new product catalog for milk analysis includes our comprehensive standard assortment for your quality evaluation in the laboratory.

More than 130’000 items and the latest news and promotions you will also find in our online shop or on the website
www.gerber-instruments.ch

We are looking forward to continue with or start a new successful cooperation with you and will be at your service with our skilled and dedicated employees.

Your Gerber-Team

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List of abbreviations:

w/	with	w/o	without
acc.	according	Qty	quantity
e.g.	for example	rpm	revolutions per minute
RN	regular neck	int.	internal
PVC	polyvinyl chlorid	ext.	extern
PE	polyethylen		

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Milk Dipper

Nickel plated brass, with valve, sterilizable.

Order No.	Type	Qty per unit
02.0000	Volume: 1 ml	1
02.0001	Volume: 2 ml	1
02.0002	Volume: 4 ml	1
02.0003	Volume: 5 ml	1
02.0004	Volume: 10 ml	1
02.0005	Volume: 20 ml	1
02.0006	Volume: 40 ml	1
02.0007	Volume: 50 ml	1
02.0008	Volume: 100 ml	1

Milk Stirrer

Stainless steel, perforated stirring disc.

Order No.	Type	Qty per unit
02.1010	Ø 13 cm, handle approx. 65 cm long	1
02.1011	Ø 6.5 cm, handle approx. 51 cm long	1

Ladle Scoop

Stainless steel, with handle.

Order No.	Type	Qty per unit
9.150665	Ø 70 mm, 90 ml, length 185 mm	1
9.150685	Ø 90 mm, 200 ml, length 315 mm	1
9.150700	Ø 100 mm, 220 ml, length 315 mm	1

Dosing Syringes Original Gerber

Exchangeable glass cylinder, sterilizable, Luer Lock adapter and suction cannula (03.13000), stainless steel with ring finger supports.

Order No.	Type	Qty per unit
03.1350	5 ml cream syringe	1
03.1351	10 ml cream syringe	1
03.1352	11 ml milk syringe	1
03.1353	10.75 ml milk syringe	1
03.1354	10.73 ml milk syringe	1
03.1355	10.77 ml milk syringe	1
03.13000	Canula with Luer Lock, bent	1

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Spare Glass Cylinders for Dosing Syringes

Order No.	Type	Qty per unit
03.1360	5 ml, Ø 15 x 68 mm	1
03.1361	10 ml, Ø 19 x 76 mm	1
03.1362	11 ml, Ø 19 x 76 mm	1
03.1363	10.75 ml, Ø 19 x 76 mm, standard: ISO	1
03.1364	10.73 ml, Ø 19 x 76 mm, standard: NOR	1
03.1365	10.77 ml, Ø 19 x 76 mm, standard: South Africa, USA	1

Cannulas with Luer Lock

Order No.	Type	Qty per unit
02.1057	No. 1: 1.0 x 40 mm	12
02.1058	No. 2: 1.2 x 40 mm	12
02.1059	No. 3: 1.4 x 40 mm	12
02.1060	No. 4: 1.6 x 40 mm	12

Milk Sample Bottles

02.11002+02.11004

Order No.	Type	Qty per unit
02.11002	50 ml, DURAN glass, flat bottom, 4 ring marks at 10/ 20/ 30/ 40 ml	1
24.2104	Rubber stopper for milk sample bottle 02.11002	1
02.1110	50 ml, plastic, with snap cap 02.11101	1

Bottle Carriers for Milk Sample Bottles

Made of stainless steel, meshes 35 x 35 mm.

Order No.	Type	Qty per unit
02.11004	For 3 x 7 milk sample bottles	1
02.11005	For 4 x 7 milk sample bottles	1
02.11006	For 11 x 11 milk sample bottles	1

Laboratory Bottles

Made of Duran glass, a PP screw cap and pouring ring, can be autoclaved.

Order No.	Type	Qty per unit
9.072000	Content: 50 ml, ISO thread GL 32	1
9.072001	Content: 100 ml, ISO thread GL 45	1
9.072002	Content: 250 ml, ISO thread GL 45	1
9.072005	Content: 500 ml, ISO thread GL 45	1
9.072010	Content: 1000 ml, ISO thread GL 45	1
9.072007	Content: 2000 ml, ISO thread GL 45	1

Bottle Carriers for Laboratory Bottles

There are a range of laboratory bottles of different sizes, plastic coated steel wire, with feet and fixed handle which will enable the transportation.

Order No.	Type	Qty per unit
23.1020	For six 500 ml bottles	1
9.102216	For six 1000 ml bottles	1
9.102206	For six 2000 ml bottles	1

Cheese Triers

Made of stainless steel, with plastic handle.

Order No.	Type	Qty per unit
02.1200	Size: 00, blade length: 125 mm, width at end/tip: 9/5 mm	1
02.1201	Size: 0, blade length: 125 mm, width at end/tip: 11/7 mm	1
02.1202	Size: 1, blade length: 125 mm, width at end/tip: 13/9 mm	1
02.1203	Size: 2, blade length: 135 mm, width at end/tip: 19/14 mm	1
02.1204	Size: 3, blade length: 150 mm, width at end/tip: 21/17 mm	1

Butter Triers

Made of stainless steel, with metal handle.

Order No.	Type	Qty per unit
02.1210	Blade length 260 mm	1
02.1211	Blade length 320 mm	1

Milk Powder Sampler

Made of stainless steel, with plastic handle.

Order No.	Type	Qty per unit
02.1215	Length 510 mm, penetration depth 360 mm, volume approx. 150 ml	1

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Milk Butyrometer Original Gerber

With a frosted label on the bulb, plain neck, without a stopper, for milk quantities of 10.73 - 11 ml.

Order No.	Type	Acc. code	Qty per unit
03.0029	% Fat: 0 - 4; division: 0.05; standard: ISO	A, B, E, F	1
03.0030	% Fat: 0 - 5; division: 0.1; standard: ISO	A, B, E, F	1
03.0001	% Fat: 0 - 5; division: 0.05	A, B, E, F	1
03.0031	% Fat: 0 - 6; division: 0.1; standard: ISO	A, B, E, F	1
03.0032	% Fat: 0 - 7; division: 0.1; standard: ISO	A, B, E, F	1
03.0033	% Fat: 0 - 8; division: 0.1; standard: ISO	A, B, E, F	1
03.0009	% Fat: 0 - 9; division: 0.1; standard: ISO	A, B, E, F	1
03.0010	% Fat: 0 - 10; division: 0.1; standard: ISO	A, B, E, F	1
03.0012	% Fat: 0 - 12; division: 0.1	A, B, E, F	1
03.0014	% Fat: 0 - 14; division: 0.2	A, B, E, F	1
03.0016	% Fat: 0 - 16; division: 0.2	A, B, E, F	1
03.0020	% Fat: 0 - 20; division: 0.2	A, B, E, F	1
03.0025	% Fat: 0 - 5 - 12; division: 0.1	A, B, E, F	1

03.0033

Milk Butyrometer Original Gerber Officially Calibrated

With a frosted label on the bulb, plain neck, without a stopper, for milk quantities of 10.73 - 11 ml.

Order No.	Type	Acc. code	Qty per unit
03.0059	% Fat: 0 - 5; division: 0.1 (± 0.05); standard: ISO	A, B, E, F	1
03.0060	% Fat: 0 - 6; division: 0.1 (± 0.05); standard: ISO	A, B, E, F	1
03.0061	% Fat: 0 - 7; division: 0.1 (± 0.05); standard: ISO	A, B, E, F	1
03.0062	% Fat: 0 - 8; division: 0.1 (± 0.05); standard: ISO	A, B, E, F	1
03.0070	% Fat: 0 - 4; division: 0.05 (± 0.025); standard: ISO	A, B, E, F	1
03.0071	% Fat: 0 - 6; division: 0.1 (± 0.03)	A, B, E, F	1
03.0072	% Fat: 0 - 7; division: 0.1 (± 0.03)	A, B, E, F	1

03.0070

Precision Milk Butyrometer

With a frosted label on the bulb, plain neck, without a stopper, for milk quantities of 10.73 - 11 ml, accuracy of scale ± 0.03%.

Order No.	Type	Acc. code	Qty per unit
03.0043	% Fat: 0 - 3 - 6; division: 0.05	A, B, E, F	1
03.0200	% Fat: 0 - 6 - 9; division: 0.05	A, B, E, F	1

03.0043

03.0086

Milk Butyrometer according to National Standards

With a frosted label on the bulb, plain neck, without a stopper.

Order No.	Type	Acc. code	Qty per unit
03.0080	% Fat: 0 - 8; division: 0.1 (± 0.05); standard: USA	A, B, E, F	1
03.0081	% Fat: 0 - 8; division: 0.1 (± 0.05); standard: BS696, numbered	A, B, E, F	1
03.0082	% Fat: 0 - 8; division: 0.1 (± 0.05); standard: IRISH, numbered	A, B, E, F	1
03.0083	% Fat: 0 - 6; division: 0.1 (± 0.05); standard: FINN	A, B, E, F	1
03.0084	% Fat: 0 - 7; division: 0.1 (± 0.05); standard: FINN	A, B, E, F	1
03.0086	% Fat: 0 - 8; division: 0.1 (± 0.03); standard: South Africa, numbered	A, B, E, F	1
03.0087	% Fat: 0 - 6; division: 0.1 (± 0.05); standard: BELG	A, B, E, F	1
03.0088	% Fat: 0 - 7; division: 0.1 (± 0.05); standard: BELG	A, B, E, F	1
03.0089	% Fat: 0 - 8; division: 0.1 (± 0.05); standard: BELG	A, B, E, F	1
03.0090	% Fat: 0 - 4; division: 0.1 (± 0.025); standard: BS696, numbered	A, B, E, F	1

03.0108

Milk Butyrometer

With a frosted label on the bulb, ring neck, without a stopper, for milk quantities of 10.73 - 11 ml, accuracy of scale ± 0.05%.

Order No.	Type	Acc. code	Qty per unit
03.0105	% Fat: 0 - 5; division: 0.1; standard: ISO	E, F	1
03.0106	% Fat: 0 - 6; division: 0.1; standard: ISO	E, F	1
03.0107	% Fat: 0 - 7; division: 0.1; standard: ISO	E, F	1
03.0108	% Fat: 0 - 8; division: 0.1; standard: ISO	E, F	1
03.0109	% Fat: 0 - 9; division: 0.1; standard: ISO	E, F	1
03.0110	% Fat: 0 - 10; division: 0.1; standard: ISO	E, F	1
03.0114	% Fat: 0 - 14; division: 0.2	E, F	1

Skim Milk Butyrometer with Accessories

With a frosted label on the bulb, with a stopper 03.0920, the second stopper has to be ordered separately.

Order No.	Type	Acc. code	Qty per unit
03.0230	% Fat: 0 - 1; division: 0.01; milk: 10.73 - 11 ml; open bulb, ring neck; Sichler	A, B, E, F	1
03.0231	% Fat: 0 - 1; division: 0.01; milk: 10.73 - 11 ml; open bulb, plain neck; Sichler	A, B, E, F	1

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Skim Milk Butyrometer without Accessories

With a frosted label on the bulb.

Order No.	Type	Acc. code	Qty per unit
03.0211	% Fat: 0 - 0.5; division: 0.02; milk: 43.5 ml (± 0.5); closed bulb, plain neck, Siegfeld	A, B, E, F	1
03.0221	% Fat: 0 - 1; division: 0.01; milk: 10.73 - 11 ml; closed bulb, plain neck, Sichler	A, B, E, F	1
03.02300	% Fat: 0 - 1; division: 0.01; milk: 10.73 - 11 ml; open bulb, ring neck, Sichler.	A, B, E, F, G	1
03.02310	% Fat: 0 - 1; division: 0.01; milk: 10.73 - 11 ml; open bulb, plain neck, Sichler	A, B, E, F, G	1

03.0221

Cream and Ice Cream Butyrometer Koehler Gerber Standard

Volumetric method for 5 ml cream, with a frosted label on the bulb, plain neck, without a stopper.

Order No.	Type	Acc. code	Qty per unit
03.0303	% Fat: 0 - 30; division: 0.5 (± 0.25)	A, B, E, F	1
03.0304	% Fat: 0 - 40; division: 0.5 (± 0.25)	A, B, E, F	1
03.0305	% Fat: 0 - 50; division: 0.5 (± 0.25)	A, B, E, F	1
03.0306	% Fat: 0 - 50; division: 1.0 (± 0.5)	A, B, E, F	1
03.0307	% Fat: 0 - 60; division: 1.0 (± 0.5)	A, B, E, F	1
03.0308	% Fat: 0 - 70; division: 1.0 (± 0.5)	A, B, E, F	1
03.0309	% Fat: 0 - 80; division: 1.0 (± 0.5)	A, B, E, F	1

03.0308

Cream Butyrometer Koehler Gerber Standard

Volumetric method for 5 ml cream, with a frosted label on the bulb, ring neck, without a stopper.

Order No.	Type	Acc. code	Qty per unit
03.0314	% Fat: 0 - 40; division: 0.5 (± 0.25)	E, F	1
03.0315	% Fat: 0 - 50; division: 0.5 (± 0.25)	E, F	1
03.0317	% Fat: 0 - 60; division: 1.0 (± 0.5)	E, F	1
03.0318	% Fat: 0 - 70; division: 1.0 (± 0.5)	E, F	1
03.0319	% Fat: 0 - 80; division: 1.0 (± 0.5)	E, F	1

03.0315

Cream Butyrometer Koehler according to National Standards

Volumetric method for 5 ml cream, with a frosted label on the bulb, plain neck, without a stopper.

Order No.	Type	Acc. code	Qty per unit
03.0326	% Fat: 0 - 50; division: 0.5 (± 0.25); standard: NOR	A, B, E, F	1
03.0327	% Fat: 0 - 50; division: 1.0 (± 0.5); standard: BELG	A, B, E, F	1

03.0327

03.0332

Ice Cream Butyrometer Koehler

Volumetric method for 5 ml cream, with a frosted label on the bulb, plain neck, without a stopper.

Order No.	Type	Acc. code	Qty per unit
03.0331	% Fat: 0 - 15; division: 0.2	A, B, E, F	1
03.0332	% Fat: 0 - 20; division: 0.2	A, B, E, F	1
03.0333	% Fat: 0 - 25; division: 0.2	A, B, E, F	1

Cream Butyrometer Roeder with Accessories

Weighing method for 5 g cream, with 2 openings, with a frosted label on the bulb, completed with matching rubber stoppers (03.0920/ 03.0925) and a glass beaker without a hole (03.0930).

Order No.	Type	Qty per unit
03.0403	% Fat: 0 - 20 - 40; division: 0.2 (± 0.1); standard: CH	1
03.0404	% Fat: 0 - 20 - 40; division: 0.2 (± 0.1); standard: CH; officially calibrated; numbered	1
03.0410	% Fat: 0 - 40; division: 0.5 (± 0.25); standard: DIN	1
03.0411	% Fat: 0 - 40; division: 0.5 (± 0.25); standard: DIN; officially calibrated	1
03.0412	% Fat: 0 - 50; division: 0.5 (± 0.25)	1
03.0414	% Fat: 0 - 60; division: 1.0 (± 0.5)	1
03.0415	% Fat: 0 - 70; division: 1.0 (± 0.5)	1
03.0416	% Fat: 0 - 20 - 50; division: 0.5 (± 0.25)	1
03.0417	% Fat: 0 - 35 - 65; division: 0.5 (± 0.25)	1
03.0418	% Fat: 0 - 30 - 55; division: 0.5 (± 0.25); standard: DIN	1
03.0420	% Fat: 0 - 50 - 75; division: 0.5 (± 0.25); standard: DIN	1

03.04140

Cream Butyrometer Roeder without Accessories

Weighing method for 5 g cream, with 2 openings, with a frosted label on the bulb.

Order No.	Type	Acc. code	Qty per unit
03.04030	% Fat: 0 - 20 - 40; division: 0.2 (± 0.1); standard: CH	G, H, J	1
03.04040	% Fat: 0 - 20 - 40; division: 0.2 (± 0.1); standard: CH; officially calibrated; numbered	G, H, J	1
03.04100	% Fat: 0 - 40; division: 0.5 (± 0.25); standard: DIN	G, H, J	1
03.04110	% Fat: 0 - 40; division: 0.5 (± 0.25); standard: DIN; officially calibrated	G, H, J	1
03.04120	% Fat: 0 - 50; division: 0.5 (± 0.25)	G, H, J	1
03.04140	% Fat: 0 - 60; division: 1.0 (± 0.5)	G, H, J	1
03.04150	% Fat: 0 - 70; division: 1.0 (± 0.5)	G, H, J	1
03.04160	% Fat: 0 - 20 - 50; division: 0.5 (± 0.25)	G, H, J	1
03.04170	% Fat: 0 - 35 - 65; division: 0.5 (± 0.25)	G, H, J	1
03.04180	% Fat: 0 - 30 - 55; division: 0.5 (± 0.25); standard: DIN	G, H, J	1
03.04200	% Fat: 0 - 50 - 75; division: 0.5 (± 0.25); standard: DIN	G, H, J	1

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Butyrometer for Condensed Milk and Ice Cream Roeder w/ Acc.

Weighing method for 5 g cream, with 2 openings, with a frosted label on the bulb, completed with matching rubber stoppers (03.0920/ 03.0925) and a glass beaker without hole (03.0930).

Order No.	Type	Qty per unit
03.0430	% Fat: 0 - 20; division: 0.2	1
03.0431	% Fat: 0 - 12; division: 0.2	1
03.0432	% Fat: 0 - 6 - 12; division: 0.1	1

Butyrometer for Condensed Milk and Ice Cream Roeder w/o Acc.

Weighing method for 5 g cream, with 2 openings, with a frosted label on the bulb, accuracy of sale ± 0.01%.

Order No.	Type	Acc. code	Qty per unit
03.04300	% Fat: 0 - 20; division: 0.2	G, H, J	1
03.04310	% Fat: 0 - 12; division: 0.2	G, H, J	1
03.04320	% Fat: 0 - 6 - 12; division: 0.1	G, H, J	1

03.04310

Ice Cream Butyrometer APHA-SMEDP 13 SPEC

Weighing method for 5 g ice cream, with closed bulb with a frosted label, without a stopper, numbered.

Order No.	Type	Acc. code	Qty per unit
03.0440	% Fat: 0 - 15; division: 0.2	A, B, E, F	1
03.0441	% Fat: 0 - 20; division: 0.2	A, B, E, F	1
03.0442	% Fat: 0 - 25; division: 0.2	A, B, E, F	1

03.0441

Cream Butyrometer according to National Standards

Weighing method for 5 g cream, with closed bulb with a frosted label, plain neck Ø 11/12 mm, without a stopper.

Order No.	Type	Acc. code	Qty per unit
03.0450	% Fat: 0 - 70; division: 1.0 (± 0.5); standard: BS696; numbered	A, B, E, F	1
03.0451	% Fat: 0 - 50; division: 0.5 (± 0.25); standard: USA; numbered	A, B, E, F	1
03.0452	% Fat: 0 - 40; division: 0.5 (± 0.25); standard: DIN Schulz	A, B, E, F	1
03.0453	% Fat: 0 - 70; division: 1.0 (± 0.25); standard: IRISH; numbered	A, B, E, F	1

03.0451

Cheese Butyrometer Van Gulik with Accessories

Weighing method for 3 g cheese, with two openings, with a frosted label on the bulb, completed with matching rubber stoppers (03.0920/ 03.0925) and glass beaker with 16 holes (03.0932).

Order No.	Type	Qty per unit
03.0520	% Fat: 0 - 20; division: 0.2	1
03.0540	% Fat: 0 - 40; division: 0.5	1
03.0541	% Fat: 0 - 40; division: 0.5; officially calibrated	1
03.0542	% Fat: 0 - 40; division: 0.5; standard: ISO	1
03.0543	% Fat: 0 - 40; division: 0.5; standard: ISO; officially calibrated	1

03.05420

Cheese Butyrometer Van Gulik without Accessories

Weighing method for 3 g cheese, with two openings, with a frosted label on the bulb.

Order No.	Type	Acc. code	Qty per unit
03.05200	% Fat: 0 - 20; division: 0.2	G, H, L	1
03.05400	% Fat: 0 - 40; division: 0.5	G, H, L	1
03.05410	% Fat: 0 - 40; division: 0.5; officially calibrated	G, H, L	1
03.05420	% Fat: 0 - 40; division: 0.5; standard: ISO	G, H, L	1
03.05430	% Fat: 0 - 40; division: 0.5; standard: ISO; officially calibrated	G, H, L	1

03.0551

Cheese Butyrometer according to BS and IS

Weighing method, with closed bulb with a frosted label, plain neck Ø 11 mm.

Order No.	Type	Acc. code	Qty per unit
03.0551	% Fat: 0 - 40; division: 1.0; standard: BS696; numbered	A, B, E, F	1
03.0552	% Fat: 0 - 40; division: 1.0; standard: IS 69/1955; numbered	A, B, E, F	1

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Butter Butyrometer with Accessories

Weighing method for 5 g butter, with two openings, with a frosted label on the bulb, completed with matching rubber stoppers (03.0920/ 03.0925) and a glass beaker with two holes (03.0931).

Order No.	Type	Qty per unit
03.0610	% Fat: 0 - 70 - 90; division: 0.5 (± 0.25); standard: DIN	1
03.0611	% Fat: 0 - 70 - 90; division: 0.5 (± 0.25); standard: DIN; officially calibrated	1
03.0620	% Fat: 0 - 100; division: 1.0 (± 0.5)	1

Butter Butyrometer without Accessories

Weighing method for 5 g butter, with two openings, with a frosted label on the bulb.

Order No.	Type	Acc. code	Qty per unit
03.06100	% Fat: 0 - 70 - 90; division: 0.5 (± 0.25); standard: DIN	G, H, K	1
03.06110	% Fat: 0 - 70 - 90; division: 0.5 (± 0.25); standard: DIN; officially calibrated	G, H, K	1
03.06200	% Fat: 0 - 100; division: 1.0 (± 0.5)	G, H, J, K	1

03.06100

Dry Milk Butyrometer Teichert with Accessories

Weighing method for 2.5 g dry milk, with closed bulb with a frosted label, neck Ø 17/18 mm, completed with a matching rubber stopper (03.0925) and a glassnail (03.0933).

Order No.	Type	Qty per unit
03.0735	% Fat: 0 - 35; division: 0.5 (± 0.25)	1
03.0770	% Fat: 0 - 70; division: 1.0 (± 0.5)	1

Dry Milk Butyrometer Teichert without Accessories

Weighing method for 2.5 g dry milk, with closed bulb with a frosted label, neck Ø 17/18 mm.

Order No.	Type	Acc. code	Qty per unit
03.07350	% Fat: 0 - 35; division: 0.5 (± 0.25)	H, M, N	1
03.07700	% Fat: 0 - 70; division: 1.0 (± 0.5)	H, M, N	1

03.07700

Test Certificate for Butyrometers

Order No.	Type	Qty per unit
03.0400	Test certificate Gerber Instruments for butyrometers	1

03.0900

Gerbal Stoppers

Order No.	Type	Accessories	Qty per unit
03.0900	GERBAL M stopper with a sleeve length: 23.5 mm	Code: A	1
03.0905	GERBAL F stopper with a ball length: 21.0 mm	Code: C	1

03.0902

Regulating Pins for Gerbal Stoppers

Order No.	Type	Accessories	Qty per unit
03.0902	For GERBAL M Stopper nickel plated brass	Code:B	1
03.0906	For GERBAL F Stopper nickel plated brass	Code: D	1

03.0910

Conical Rubber Stoppers

For milk-, skim milk- and cream butyrometers acc. to Koehler.

Order No.	Type	Accessories	Qty per unit
03.0910	Double conical dimensions: Ø 12/14 x 36 mm	Code: E	1
03.0915	Single conical dimensions: Ø 11/16 x 35 mm	Code: F	1

03.0925

Conical Rubber Stoppers

For butyrometers with two openings.

Order No.	Type	Accessories	Qty per unit
03.0920	Small, single conical dimensions: Ø 10.5/13 x 15 mm	Code: G	1
03.0925	Big, single conical, with a hole for a beaker dimensions: Ø 17.5/22 x 30 mm	Code: H	1
03.0926	Big, single conical, without a hole dimensions: Ø 17.5/22 x 30 mm	Code: I	1

03.0931

Glass Beaker

Order No.	Type	Accessories	Qty per unit
03.0930	Without a hole for cream butyrometers	Code: J	1
03.0931	With 2 holes for butter butyrometers	Code: K	1
03.0932	With 16 holes for cheese butyrometers	Code: L	1

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Glass Nail

Order No.	Type	Accessories	Qty per unit
03.0933	For the milk powder butyrometers	Code: M	1

Glass Weighing Funnels

Order No.	Type	Accessories	Qty per unit
03.0935	Weighing funnel for milk powder	Code: N	1
03.0936	Weighing funnel for butter	Code: O	1

03.0935

Butyrometer Reading Stand

Convenient and accurate reading of the scale thanks to evenly distributed lightning with 80 LED lights.
Voltage: 110-230 VAC/50-60 Hz.

Order No.	Type	Qty per unit
03.9500	For wall mounting	1
03.9501	For table top mounting	1

Butyrometer Racks

Heat and acid resistant.

Order No.	Type	Qty per unit
03.1500	For 12 butyrometers (polypropylene), 2 x 6 positions (WxDxH) 220 x 80 x 150 mm, 2 handles H=45 mm	1
03.1550	For 36 butyrometers (aluminum), 6 x 6 positions (WxDxH) 265 x 265 x 150 mm, 1 handle H=60 mm	1
03.1560	For 36 butyrometers (aluminum), 3 x 12 positions (WxDxH) 410 x 105 x 155 mm	1

03.1500+03.1521

Shaking Cover

Order No.	Type	Qty per unit
03.1521	For butyrometer rack 03.1500, made of PVC	1

Accessories Butyrometer

25.0001

Cleaning Brush for Butyrometer Scale

Order No.	Type	Qty per unit
25.0001	Ø 9 x 4 mm, length approx. 260 mm	1

Cleaning Brush for Butyrometer Body

Order No.	Type	Qty per unit
25.0002	Ø 30 mm, length approx. 270 mm	1

Safety Eyeshield

These innovative protective spectacles are designed to perfectly fit the face. Their flexible side arms with variable inclination can be individually adjusted accordingly, while the integrated softflex zone ensures outstanding comfort to any head sizes.
Lens: PC clear UV 2C-1.2.
Scratch-resistant and non-fogging on the inside, and the outside is extremely scratchproof, resistant to chemicals and it can be cleaned with great ease thanks to nano-technology.

Order No.	Type	Qty per unit
6.253649	Safety eyeshield i-3 - 9190, anthracite/blue	1

More eyeshields are available in our online shop

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Milk Pipets

Order No.	Type	Qty per unit
03.1000	11.00 ml	1
03.1001	11.00 ml, officially calibrated	1
03.1002	11.00 ml, standard: BELG	1
03.1003	10.75 ml, standard: DIN	1
03.1004	10.75 ml, standard: DIN, officially calibrated	1
03.1005	10.94 ml, standard: BS 696	1
03.1006	10.77 ml, standard: South Africa, USA	1
03.1007	10.80 ml, standard: IRISH	1
03.1008	10.73 ml, standard: NOR	1
03.1010	10 ml	1

03.1000

Cream Pipets

Order No.	Type	Qty per unit
03.1020	5 ml, 20 °C	1
03.1021	5 ml, 40 °C, standard: BELG	1
03.1022	5 ml, 20 °C, standard: NOR	1

03.1020

Water Pipette

Order No.	Type	Qty per unit
03.1030	5 ml	1

Sulfuric Acid Pipets

Order No.	Type	Qty per unit
03.1040	10.0 ml, with 2 bulbs	1
03.1041	10.0 ml, with 2 bulbs, officially calibrated	1
03.1042	17.5 ml, with 2 bulbs, for weighing method	1
03.1043	17.6 ml, with 2 bulbs, for weighing method	1

03.1040

Amyl Alcohol Pipette

Order No.	Type	Qty per unit
03.1050	1 ml, with 1 bulb	1

03.1111

Tilt Measures Superior

Without moveable parts, with a rubber stopper (03.11002), without a bottle.

Order No.	Type	Qty per unit
03.1111	1 ml for amyl alcohol	1
03.1112	10 ml for sulfuric acid	1

Accessories for Tilt Measures Superior

Order No.	Type	Qty per unit
21.2702	Narrow neck reagent bottle 250 ml, lime soda glass, with a PE stopper	1
03.11002	Spare rubber stopper with 10 mm hole	1

03.1201

Automatic Measures Permanent

With RN glass stopper and tab.

Order No.	Type	Qty per unit
03.1201	1 ml for amyl alcohol	1
03.1202	10 ml for sulfuric acid	1

Support for Permanent Automat Double

Order No.	Type	Qty per unit
03.1231	Included in the delivery: - 03.12311 Base plate - 23.0096 Tripod rod - 23.0137 Tripod ring Ø 100 mm - 03.12313 Tripod ring Ø 80 mm - 03.12315 Drip dish	1

Support for Permanent Automat 1 ml Single

Order No.	Type	Qty per unit
03.1230-1	Included in the delivery: - 03.12303 Base plate - 23.0095 Tripod rod - 03.12313 Tripod ring Ø 80 mm - 03.12315 Drip dish	1

Support for Permanent Automat 10 ml Single

Order No.	Type	Qty per unit
03.1230-10	Included in the delivery: - 03.12303 Base plate - 23.0095 Tripod rod - 23.0137 Tripod ring Ø 100 mm - 03.12315 Drip dish	1

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Waterbath Pot

All made of aluminum, requires separate heat source, e.g. hot plate or Bunsen burner.

Order No.	Type	Qty per unit
03.9031	For 8 butyrometers Included in the delivery: - 03.90310 Waterbath - 03.90342 Rack for 8 butyrometers	1
03.9034	For 16 butyrometers Included in the delivery: - 03.90340 Waterbath - 03.90341 Rack for 16 butyrometers	1

Accessories for Waterbath Pot

Order No.	Type	Qty per unit
10.1010	Waterbath-thermometer, mercury filled, graduated every 1 °C, measuring range -10 to +100 °C	1
33.1200	Hotplate with stepless temperature control, hotplate Ø 180 mm, 2000 W, 230 VAC	1
7.672290	Ceran® single boiling plate, Ø 80 - 200 mm, 2200 W, 230 VAC	1

Waterbath Butytherm Mini

To preheat the butyrometers in front of the centrifuging and to adjust the butyrometers at 65 °C for the circle reads.

Specifications:

- Material:	Bath of stainless steel
- Capacity:	approx. 8 liters
- Int. dimensions (WxDxH):	30 x 15 x 20 cm
- Thermostat:	to approx. 90 °C
- Heating:	550 W

Order No.	Type	Qty per unit
03.9100	For 12 butyrometers, 230 VAC	1
03.9101	For 12 butyrometers, 115 VAC	1

Accessories for Waterbath Butytherm Mini

Order No.	Type	Qty per unit
03.9105	Flat lid with 12 openings for butyrometers	1
03.1500	Rack for 12 butyrometers (polypropylene), 2 x 6 positions (WxDxH) 220 x 80 x 150 mm, 2 handles (see on p. 15)	1
03.1521	Shaking cover for butyrometer rack with 12 tests, made of PVC (see on p.15)	1

03.1500+03.1521

Waterbath WB 22 Pump

The waterbath provides optimal operating comfort with the splash-proof keypad and bright multi display (LED).
Modern microprocessor technology with PID temperature control ensures optimum temperature stability in the waterbath.
The circulation pump is used to improve the temperature distribution.
The adjustable overheating protection protects the samples.

Specifications:

- Material:	Made of stainless steel
- Capacity:	approx. 22 liters
- Int. dimensions (WxDxH):	49 x 29 x 15 cm
- Temperature range:	+5 °C above ambient to 85 °C (± 0.2)
- Power:	1100 W
- Voltage:	230 VAC/50 Hz

Order No.	Type	Qty per unit
30GI.701030	WB 22 Pump for 4 racks 30GI.701096 or for 2 racks 30GI.701097 or for 2 racks 30GI.701096 and 1 rack 30GI.701097	1

30GI.701096

Accessories for Waterbath WB 22 Pump

Order No.	Type	Qty per unit
30GI.701096	Rack for 8 samples, made of stainless steel, 2 x 4 positions (WxDxH) 140 x 65 x 140 mm, 2 handles	1
30GI.701097	Rack for 20 samples, made of stainless steel, 2 x 10 positions (WxDxH) 330 x 65 x 140 mm, 2 handles	1
30GI.701098	Bottom plate for racks	1

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Waterbath Eurotherm

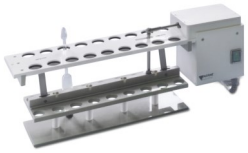
Waterbath for tempering liquids with continuous microprocessor control for easy operation.
Radiator made of stainless steel , incl. ground grid, 7-segment LED display.
Display actual value, set point value via one keypress, input set point value in 0.1 °C increments.
Shutdown in case of overheating, sensor damage or lack of water.
Available with circulation pump (option on request) to improve the temperature distribution.

Specifications:

- Material:	Made of white PP, thickness 10 mm
- Temperature range:	10 °C above ambient to 95 °C (± 0.3)
- Power:	1100 W
- Voltage:	230 VAC/50 Hz

Order No.	Type	Qty per unit
03.9201	Model: W1/8, 8 liters, for 1 butyrometer rack 03.1500 (12 Buty) int. dimensions (WxDxH): 23 x 18 x 20 cm	1
03.9202	Model: W1/10, 10 liters, for 2 butyrometer racks 03.1500 (24 Buty) int. dimensions (WxDxH): 23 x 23 x 20 cm	1
03.9203	Model: AET12, 12 liters, for 1 rack with 30 butyrometers int. dimensions (WxDxH): 39 x 15 x 20 cm	1
03.9204	Model: AET20, 20 liters, for 4 butyrometer racks 03.1500 (48 Buty) int. dimensions (WxDxH): 39 x 25 x 20 cm	1

Accessories for Waterbath Eurotherm



03.9210

Order No.	Type	Qty per unit
03.9205	Flat lid for waterbath model W1/8	1
03.9206	Flat lid for waterbath model W1/10	1
03.9207	Flat lid for waterbath model AET12	1
03.9208	Flat lid for waterbath model AET20	1
03.9211	Gabled lid for waterbath model W1/8	1
03.9212	Gabled lid for waterbath model W1/10	1
03.9213	Gabled lid for waterbath model AET12	1
03.9214	Gabled lid for waterbath model AET20	1
03.9210	Butyrometer shaker for 18 butyrometers with scale up, suitable for waterbaths with int. dimensions (WxDxH): 39 x 25 x 20 cm and 39 x 15 x 20 cm	1

Further options for these waterbaths available on request

Centrifuge Gerber Universal

Multipurpose centrifuge for the dairy laboratory.

3 pre-programmed speeds for:
- Gerber Butyrometers (350 x g)
- Solubility in milk powder (164 x g)
- Extraction tubes Roese-Gottlieb/Mojonnier (80 x g)

1 variable speed range (200-1300 rpm), on request

Specifications:
- Timer 0 to 255 minutes
- Automatic brake
- Heating (option) with variable temperature setting up to 65 °C (1200 W)
- Microprocessor control with an LED display to show speed, run time, temperature and error messages
- Cover lock
- Steel casing (WxDxH): 64 x 64 x 45 cm

Order No.	Type	Qty per unit
03.3110-12	230 VAC/50 Hz, without heating and with universal rotor for 12 positions, without inserts (order separately)	1
03.3110-36	230 VAC/50 Hz, without heating and with special rotor incl. 36 sleeves (03.3340)	1
03.3111-12	115 VAC/60 Hz, without heating and with universal rotor for 12 positions, without inserts (order separately)	1
03.3111-36	115 VAC/60 Hz, without heating and with special rotor incl. 36 sleeves (03.3340)	1
03.3112-12	230 VAC/50 Hz, with heating and universal rotor for 12 positions, without inserts (order separately)	1
03.3112-36	230 VAC/50 Hz, with heating and special rotor incl. 36 sleeves (03.3340)	1
03.3113-12	115 VAC/60 Hz, with heating and universal rotor for 12 positions, without inserts (order separately)	1
03.3113-36	115 VAC/60 Hz, with heating and special rotor incl. 36 sleeves (03.3340)	1

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Accessories for Centrifuge Gerber Universal

Universal Rotor for Centrifuge Gerber Universal

Order No.	Type	Qty per unit
03.3300	12 places, without inserts (order separately)	1

Inserts for Universal Rotor (order separately)

Order No.	Type	Qty per unit
03.1630	Butyrometer insert Gerber sleeve with ring, made of stainless steel, Ø int. 26 mm, for butyrometers, solubility tubes and Roese-Gottlieb tubes	1
03.1631	Insert for ADPI solubility tubes made of stainless steel, Ø int. 31 mm, for solubility tubes according to ADPI	1
03.1632	Mojonnier insert insert with holder made of aluminum, for Mojonnier tubes	1
03.1633	Babcock insert (on request) made of stainless steel, Ø int. 38 mm, for babcock bottles	1

Special Rotor for Centrifuge Gerber Universal

Order No.	Type	Qty per unit
03.3340	Complete with 36 swing out places, made of stainless steel, for Gerber butyrometers and solubility tubes according to Gerber	1
03.3341	Sleeve for special rotor, made of stainless steel, Ø int. 26 mm	1

Centrifuge Gerber Micro II

Small centrifuge for the determination of fat in milk and dairy products and solubility of milk powder according to Gerber.

Specifications:
- Timer
- Automatic brake
- Heating with variable temperature setting (600 W)
- Microprocessor control with digital reading
- Cover lock
- Steel casing (WxDxH): 43 x 46 x 28 cm
- Incl. rotor (of aluminum) and bushing (of brass)

Order No.	Type	Qty per unit
03.2250	For 8 butyrometers, 230 VAC/50 Hz	1
03.2251	For 8 butyrometers, 115 VAC/60 Hz	1
03.2260	For 12 butyrometers, 230 VAC/50 Hz	1
03.2261	For 12 butyrometers, 115 VAC/60 Hz	1
03.2270	For 8 babcock bottles, 230 VAC/50 Hz	1
03.2271	For 8 babcock bottles, 115 VAC/60 Hz (on request)	1

Consumables for Centrifuge Gerber Micro II

Order No.	Type	Qty per unit
03.16269-8	Bushing of brass, Ø int. 25.5 mm	8
03.16269-12	Bushing of brass, Ø int. 25.5 mm	12

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Mojonnier Analyzer Moplant

04.3221

Complete apparatus to determine fat and total solids in milk and dairy products according to the Mojonnier process. The milktester Moplant makes it easy to perform the weight analytical extraction method according to Roese-Gottlieb and Schmid-Bondzynski. All necessary activities like dissolving, extracting, centrifugation, poring off, evaporating, drying, cooling and weighing can be performed in one place.

Specifications:
- Material: Made of stainless steel
- Voltage: 400 VAC/50 Hz
- Ex-safe

Order No.	Type	Qty per unit
04.3221	Mojonnier apparatus single 1 vacuum chamber, 1 cooling chamber ext. dimensions (WxDxH): 1939 x 1053 x 1426 mm, weight: 250 kg	1
04.3231	Mojonnier apparatus double 2 vacuum chambers, 2 cooling chambers ext. dimensions (WxDxH): 2384 x 1053 x 1426 mm, weight: 350 kg	1

More Equipment for Fat Extraction

Centrifuge Gerber Universal

Multipurpose centrifuge for the dairy laboratory (see on p. 22).

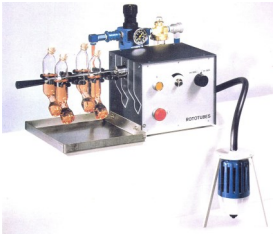
Order No.	Type	Qty per unit
03.3110-12	230 VAC, without heating and with universal rotor for 12 positions, without inserts (order separately)	1
03.3111-12	115 VAC, without heating and with universal rotor for 12 positions, without inserts (order separately)	1

Inserts (for the universal rotor - order separately)

Order No.	Type	Qty per unit
03.1630	Butyrometer insert Gerber for Roese-Gottlieb tubes (see on p. 23)	1
03.1632	Mojonnier insert for Mojonnier tubes (see on p. 23)	1
03.163201	Spare suction cup for Mojonnier insert	1

03.1632

Shaking Machine Rototube



Rototube makes it easy to mix samples. It is powerd by compressed air (compressed air supply in the laboratory is required).

Order No.	Type	Qty per unit
04.3100	For 8 Mojonnier flasks	1

04.3000

Extraction Flasks acc. to Mojonnier

Made of borosilicate glass.

Order No.	Type	Qty per unit
04.3000	Standard: DIN, round bulb, with a cork stopper (04.30000-1)	1
04.3001	Standard: DIN, round bulb, with a glass stopper NS 19	1
04.3002	Standard: ISO, A-shape, flat bulb, with a cork stopper (04.30001-1)	1
04.3003	Standard: ISO, C-shape, round bulb, with a cork stopper (04.30001-1)	1
04.30020	Standard: US G3, flat bulb, max. weight: 60 g, without a stopper	1

Cork Stoppers for Extraction Flasks

Order No.	Type	Qty per unit
04.30000-1	Ø 14/17 x 27 mm for 04.3000	1
04.30001-1	Ø 15/18 x 27 mm for 04.3002 and 04.3003	1
04.30000	Ø 14/17 x 27 mm for 04.3000	100
04.30001	Ø 15/18 x 27 mm for 04.3002 and 04.3003	100

Rack for Mojonnier Flasks

Order No.	Type	Qty per unit
04.3004	For 8 Mojonnier tubes, made of PP	1

Extraction Flasks acc. to Roese-Gottlieb

Made of borosilicate glass.

Order No.	Type	Qty per unit
04.3005	With a cork stopper	1
04.3006	With a glass stopper	1

Siphon Fitting to Roese-Gottlieb Flasks

Order No.	Type	Qty per unit
04.3007	With arrival and suction tube and a matching cork stopper (04.30070)	1

Equipments for the Soxhlet method would be available in our online shop

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General Accessories for Fat Extraction

04.3022

Weighing Pipets

Order No.	Type	Qty per unit
04.3020	1 ml, bent	1
04.3021	2 ml, bent	1
04.3022	5 ml, bent	1

Rack for 4 Weighing Pipets

Order No.	Type	Qty per unit
04.3025	For 4 bent pipets	1

Aluminum Dishes

Ø 85 x 50 mm, without a lid, numbered.

Order No.	Type	Qty per unit
04.3030	Set with 8 dishes	8
04.3031	Set with 16 dishes	16

05.0010

Evaporating Dishes

Order No.	Type	Qty per unit
05.0000	Ø 60 x 60 mm, made of aluminum, without a lid, approx. 50 g	1
05.0005	Ø 60 x 30 mm, made of anodized aluminum, without a lid, approx. 30 g	1
05.0006	Ø 75 x 25 mm, made of nickel, with a knob lid	1
05.0007	Ø 90 x 16 mm, made of nickel, with a knob lid	1
05.0009	Ø 102 x 44 mm, made of INOX 18/10, with a knob lid	1
05.0010	Ø 80 x 43 mm, made of INOX 18/10, with a knob lid	1
05.0011	Ø 65 x 40 mm, made of INOX 18/10, with a knob lid	1
05.0021	Numbering per dish according to customer specifications	1

Evaporating Dish Liebefeld

To determine the water content in cheese.

Order No.	Type	Qty per unit
05.0020	Ø 60 x 30 mm, made of anodized aluminum, cap with bayonet type cover lock	1
05.0021	Numbering per dish according to customer specifications	1

Pestle for Evaporating Dish Liebefeld

Order No.	Type	Qty per unit
05.0022	Made of glass, Ø 8/16 mm, length 60 mm	1

Crucible Tongs

Made of 18/10 steel, double bent, with gripping tips.

Order No.	Type	Qty per unit
9.310122	Length 220 mm	1
9.310125	Length 250 mm	1
9.310130	Length 300 mm	1

Total Solids Calculator Ackermann

To calculate total solids in milk, based on fat content and specific gravity. 2 discs with readings of lactometer degrees (at 15°C) and Gerber fat from 0.7 to 6 %. Outside disc contains total solids reading.

Order No.	Type	Qty per unit
05.0050	Total solids calculator Ackermann	1

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Quartz Sand/Sea Sand

Washed and annealed, grain size 0.1 to 0.3 mm.

Order No.	Type	Qty per unit
05.0030	1 kg	1
05.0032	5 kg	1
05.0031	25 kg	1

Vacuum Desiccators

DURAN clear glass, with NOVUS tubus RN 24/29 and stopcock assembly in lid, vacuum tight.

Order No.	Type	Qty per unit
9.042119	Ø int. 100, height 174 mm	1
9.042131	Ø int. 150, height 239 mm	1
9.042138	Ø int. 200, height 296 mm	1
9.042143	Ø int. 250, height 344 mm	1
9.042147	Ø int. 300, height 420 mm	1

Desiccator Plates

Made of porcelain, without feet, with a hole Ø 20 mm in the center and with outer holes Ø 5 mm.

Order No.	Type	Qty per unit
9.042509	Ø 90 mm	1
9.042514	Ø 140 mm	1
9.042519	Ø 190 mm	1
9.042523	Ø 235 mm	1
9.042528	Ø 280 mm	1

Desiccant Beads

Orange as the indicator color. Grain size 1 to 3 mm or 2 to 5 mm. This is self-indicating drying agent (white silica gel) is free from any heavy metals and would be environmentally friendly.

Order No.	Type	Qty per unit
6.267160	1 kg box, grain size 1 to 3.15 mm	1
6.267161	3 kg box, grain size 1 to 3.15 mm	1
9.042543	1 kg box, grain size 2 to 5 mm	1
9.042544	3 kg box, grain size 2 to 5 mm	1

30GI.601010

Ovens Type TSN

Specifications:
- With natural convection
- Temperature range: + 5 °C above ambient to 300 °C
- With digital temperature controller
- Safety class 3.1
- Stainless steel shelves
- Calibration certificate (150°C)
- 230 VAC

Order No.	Type	Qty per unit
30GI.601010	TSN 50, volume: 50 l, power: 1000 W int. dimensions (WxDxH): 400 x 330 x 420 mm ext. dimensions (WxDxH): 665 x 470 x 635 mm	1
30GI.601020	TSN 115, volume: 115 l, power: 1900 W int. dimensions (WxDxH): 520 x 450 x 495 mm ext. dimensions (WxDxH): 790 x 600 x 750 mm	1

30GI.602020

Ovens Type TSF

Specifications:
- With forced convection
- Temperature range: + 10 °C above ambient to 300 °C
- With digital temperature controller
- Safety class 3.1
- Stainless steel shelves
- Calibration certificate (150°C)
- 230 VAC

Order No.	Type	Qty per unit
30GI.602010	TSF 50, volume: 50 l, power: 980 W int. dimensions (WxDxH): 400 x 310 x 415 mm ext. dimensions (WxDxH): 665 x 570 x 635 mm	1
30GI.602020	TSF 120, volume: 120 l, power: 1900 W int. dimensions (WxDxH): 520 x 435 x 530 mm ext. dimensions (WxDxH): 785 x 690 x 750 mm	1

More ovens can be obtained at: www.gerber-instruments.com

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Moisture Analyzer BM 65

The newly developed moisture analyzer BM 65 is characterized by numerous features, helping the user make working and testing with the instrument easy and convenient.
The large, backlit display makes it very easy to read under any conditions of light.
Various parameters can be displayed simultaneously.

Specifications:
- Max. capacity: 65 g
- Readability: 0.001 g/ 0.01 %
- Reproducibility: 0.002 g/ 0.05 %
- Weighing units: Gram, % moisture, % solids, % moisture on dry base (ATRO %M) solids on dry base, (ATO %S)
- Stabilisation time: 4 seconds
- Internal memory: up to 99 test results or 49 programmable user settings
- Calibration: Automatic external
- Heating source: 440 W halogen heater 50 to 160 °C
- Drying programs: Standard one step or up to 3 temp setting ramps
- Display: Large, backlit LCD display with 24 mm size digits
- RS232 interface
- Bilingual menue (G/E)

Order No.	Type	Qty per unit
30PI.BM-65	Moisture analyzer BM 65	1

Accessories for Moisture Analyzer BM 65

Order No.	Type	Qty per unit
6.236854	Weighing dishes, aluminum, Ø 101 x 8 mm	50
30PI.AAC70	Weighing dishes, aluminum, Ø 100 x 8 mm, with knurled edge	250
74.6906940	Glass fibre filters Ø 90 mm, to use with liquid, pasty and fatty samples, hard quality	80

Analytical Balances

Simple recipe/documenting with a combined tare/print function, mixing ingredients for the recipe are numbered automatically.

Single-Cell Technology:
- Fully automatic manufactured weighing cell from one piece
- Stable temperature behavior
- Short stabile time, steady weight values within approx 3 sec under laboratory conditions

Specifications:
- Housing (WxDxH): 210 x 340 x 325 mm
- Weighing chamber (WxDxH): 174 x 162 x 227 mm
- Ambient temperature: 10 °C/30 °C
- Net weight: 6 kg

Order No.	Type	Qty per unit
9.901452	ABS 120-4N, capacity 120 g, readability 0.1 mg, Ø-plate 91 mm	1
9.901453	ABS 220-4N, capacity 220 g, readability 0.1 mg, Ø-plate 91 mm	1

Accessories for Analytical Balances

Sample Dishes/Weighing Dishes

One-time use sample dishes, made of aluminum.

Order No.	Type	Qty per unit
6.205225	Ø 100 mm, height 7 mm	80
42.0290	Ø 100 mm, height 7 mm	80

Spoon Spatulas

Made of steel 18/10, deep form.

Order No.	Type	Qty per unit
9.150315	Length 150 mm	1
9.150318	Length 180 mm	1

Tweezers

Made of steel 18/10.

Order No.	Type	Qty per unit
9.171311	Length 115 mm	1
9.171313	Length 130 mm	1

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Thermolactodensimeter Gerber large Model with Thermometer

05.1000

- Measuring range: 1025-1036 kg/m^3
- Special alloy ballast
- Division: 0.5 kg/m^3
- Dimensions: approx. Ø 30 x 360 mm
- Thermometer: 10 to 30 °C above density scale
- Reading above stem

Order No.	Type	Qty per unit
05.1000	T = 20 °C	1
05.1001	T = 20 °C, officially calibrated, without certificate	1
05.1002	T = 15 °C	1
05.1003	T = 20 °C, officially calibrated, with certificate	1

Lactodensimeter Gerber without Thermometer with Density Scale

05.1008

- Measuring range: 1020-1040 kg/m^3
- Special alloy ballast
- Division: 0.5 kg/m^3
- Dimensions: approx. Ø 29 x 240 mm
- With negative scale
- With density scale on black background
- Reading above stem

Order No.	Type	Qty per unit
05.1007	T = 15 °C (replacement for 05.1006)	1
05.1008	T = 20 °C (replacement for 05.1005)	1

Thermometer for Lactodensimeter Gerber with Density Scale

To correct temperatures of 05.1007 and 05.1008.

Order No.	Type	Qty per unit
6.250170	Measure range: -10 to +50 °C:0.5 °C, solid stem, red filling, Ø 6 mm, length approx. 300 mm, immersion depth 76 mm	1

05.1010

Thermolactodensimeter Gerber small Model with Thermometer

- Special alloy ballast
- Division: 0.5 kg/m^3
- Dimensions: approx. Ø 22 x 230 mm
- Thermometer: 0 to 40 °C in body
- Reading above stem

Order No.	Type	Measuring range	Qty per unit
05.1010	T = 20 °C	1025-1036 kg/m^3	1
05.1011	T = 15 °C	1025-1036 kg/m^3	1
05.1012	T = 20 °C	1020-1040 kg/m^3	1
05.1013	T = 15 °C	1020-1040 kg/m^3	1

05.1517

Lactodensimeter Gerber without Thermometer

- Measuring range: 1025-1036 kg/m^3
- Special alloy ballast
- Division: 0.5 kg/m^3
- Dimensions: approx. Ø 30 x 300 mm
- Reading above stem

Order No.	Type	Qty per unit
05.1517	T = 20 °C	1
05.1518	T = 15 °C	1

05.1020

Thermolactodensimeter Quevenne with Thermometer

- Measuring range: 1015-1040 Quevenne
- Special alloy ballast
- Division: 1 Quevenne
- Dimensions: approx. Ø 23 x 270 mm
- Color scale
- Thermometer: 0 to 40 °C above density scale
- Reading above stem

Order No.	Type	Qty per unit
05.1020	T = 20 °C	1
05.1021	T = 15 °C	1
05.1022	T = 20 °C, red alcohol filling	1

05.1026

Lactodensimeter Quevenne without Thermometer

- Measuring range: 1015-1040 Quevenne
- Special alloy ballast
- Division: 1 Quevenne
- Dimensions: approx. Ø 22 x 220 mm
- Color scale
- Reading above stem

Order No.	Type	Qty per unit
05.1025	T = 20 °C	1
05.1026	T = 15 °C	1

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Hydrometer for Condensed Milk without Thermometer

- Special alloy ballast
- T = 20 °C

Order No.	Measuring range	Division	Dimensions	Qty per unit
05.1030	1040-1080 kg/m^3	1.0 kg/m^3	approx. Ø 22 x 280 mm	1
05.1031	1000-1240 kg/m^3	2.0 kg/m^3	approx. Ø 22 x 310 mm	1

05.1030

Hydrometer for Yogurt and Cocoa with Thermometer

- Measuring range: 1030-1060 kg/m^3
- Special alloy ballast
- Division: 1.0 kg/m^3
- Dimensions: approx. Ø 22 x 230 mm
- Thermometer: 0 to 40 °C

Order No.	Type	Qty per unit
05.1032	T = 20 °C	1

Hydrometer for Buttermilk Serum without Thermometer

- Measuring range: 1014-1030 kg/m^3
- Special alloy ballast
- Division: 2.0 kg/m^3
- Dimensions: approx. Ø 22 x 240 mm
- Reading above stem

Order No.	Type	Qty per unit
05.1033	T = 20 °C	1

Hydrometer for Whey with Thermometer

- Measuring range: 1005-1025 kg/m^3
- Special alloy ballast
- Division: 2.0 kg/m^3
- Dimensions: approx. Ø 18 x 230 mm
- Thermometer: 0 to 40 °C

Order No.	Type	Qty per unit
05.1034	T = 20 °C	1

05.1035

Special Hydrometer without Thermometer

- Special alloy ballast
- T = 20 °C
- Division: 1.0 kg/m^3

Order No.	Type	Measuring range	Dimensions	Qty per unit
05.1035	A	1050-1300 kg/m^3	approx. Ø 20 x 400 mm	1
05.1037	B	1044-1057 kg/m^3	approx. Ø 28 x 320 mm	1
05.1039	C	1029-1042 kg/m^3	approx. Ø 28 x 345 mm	1
05.1041	D	1040-1100 kg/m^3	approx. Ø 20 x 335 mm	1
05.1043	E	1023-1038 kg/m^3	approx. Ø 24 x 305 mm	1
05.1045	F	1010-1030 kg/m^3	approx. Ø 17 x 330 mm	1
05.1049	H	1030-1140 kg/m^3	approx. Ø 17 x 330 mm	1

Special Hydrometer with Thermometer

- Special alloy ballast
- T = 20 °C
- Division: 1.0 kg/m^3
- Thermometer: 0 to 40 °C

Order No.	Type	Measuring range	Dimensions	Qty per unit
05.1038	B	1044-1057 kg/m^3	approx. Ø 28 x 320 mm	1
05.1040	D	1040-1100 kg/m^3	approx. Ø 20 x 335 mm	1
05.1042	E	1023-1038 kg/m^3	approx. Ø 24 x 305 mm	1
05.1048	G	1023-1038 kg/m^3	approx. Ø 17 x 220 mm	1

05.1160

Hydrometer for Sulfuric Acid without Thermometer

To monitor and adjust the fat determination conducted by Gerber
- Special alloy ballast
- T = 20 °C
- Division: 0.1 kg/m^3

Order No.	Measuring range	Dimensions	Qty per unit
05.1160	1800-1850 kg/m^3	approx. Ø 24 x 270 mm	1
05.1161	1500-1550 kg/m^3	approx. Ø 20 x 270 mm	1

Hydrometer for Amyl Alcohol without Thermometer

To monitor and adjust the fat determination conducted by Gerber
- Special alloy ballast
- T = 20 °C
- Division: 0.1 kg/m^3
- Dimensions: approx. Ø 25 x 260 mm

Order No.	Measuring range	Qty per unit
05.1165	800-840 kg/m^3	1

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Hydrometer for Brine acc. to Baumé without Thermometer

- Special alloy ballast
- T = 15 °C
- Division: 0.1 Bé

05.1151

Order No.	Measuring range	Length	Qty per unit
9.004301	0-1 Bé	approx. 260 mm	1
9.004302	0-2 Bé	approx. 260 mm	1
05.1151	0-30 Bé	approx. 250 mm	1
05.1153	0-50 Bé	approx. 250 mm	1

Hydrometer for Brine acc. to Bischoff without Thermometer

Order No.	Measuring range	Length	Qty per unit
6.079097	0-27 g/l	approx. 270 mm	1

Alcohol Hydrometer

- Special alloy ballast
- T = 20 °C
- Division: 1.0 Vol.- %/1.0 °Oe

05.1171

Order No.	Measuring range	Dimensions	Qty per unit
05.1170	35-75 Vol.-%, with thermometer 0 to 35 °C	approx. Ø 15 x 320 mm	1
05.1171	0-100 Vol.-%, with thermometer 0 to 35 °C	approx. Ø 15 x 330 mm	1
05.1172	0-130 °Oe, with thermometer 0 to 35 °C	approx. Ø 16 x 320 mm	1
05.1173	0-100 Vol.-%, without thermometer	approx. Ø 17 x 260 mm	1

Alcohol Hydrometer without Thermometer

- Special alloy ballast
- T = 20 °C
- Division: 0.2 Vol.- %
- Length: approx. 340 mm

Order No.	Measuring range	Qty per unit
05.11650	0-20 Vol.-%	1
05.1166	20-40 Vol.-%	1
05.1167	40-60 Vol.-%	1
05.1168	60-80 Vol.-%	1
05.1169	80-100 Vol.-%	1

Alcohol Hydrometer Class II without Thermometer

- T = 20 °C
- Division: 0.1 Vol.-%
- Length: approx. 380 mm

Order No.	Measuring range	Qty per unit
6.200767	0 - 10 Vol.-%	1
6.231928	10 - 20 Vol.-%	1
6.250252	20 - 30 Vol.-%	1
6.227043	30 - 40 Vol.-%	1
6.250253	40 - 50 Vol.-%	1
6.227045	50 - 60 Vol.-%	1
6.250254	60 - 70 Vol.-%	1
6.227046	70 - 80 Vol.-%	1
6.228414	80 - 90 Vol.-%	1
6.227047	90 - 100 Vol.-%	1

05.1193

Precision Hydrometer without Thermometer

- Special alloy ballast
- T = 20 °C
- Division: 1.0 kg/m^3
- Length: approx. 300 mm

Order No.	Measuring range	Qty per unit
05.1176	600-700 kg/m^3	1
05.1177	700-800 kg/m^3	1
05.1178	800-900 kg/m^3	1
05.1179	900-1000 kg/m^3	1
05.1191	1000-1100 kg/m^3	1
05.1192	1100-1200 kg/m^3	1
05.1193	1200-1300 kg/m^3	1
05.1194	1300-1400 kg/m^3	1
05.1184	1400-1500 kg/m^3	1
05.1185	1500-1600 kg/m^3	1
05.1186	1600-1700 kg/m^3	1
05.1187	1700-1800 kg/m^3	1
05.1188	1800-1900 kg/m^3	1
05.1189	1900-2000 kg/m^3	1

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Remarks to Lactodensimeters and Hydrometers

The official international unit of density is: kg/m^3.
We have adapted the unit of measurement ranges of our lactodensimeters/hydrometers to the international standard.
During the changeover to the new unit, it would be possible that you still get instruments with older, but still valid units e.g. g/ml or g/cm^3.

General Accessories for Hydrometers

Test Certificate for Hydrometers

Order No.	Type	Qty per unit
05.1004	Test certificate Gerber Instruments for hydrometers	1

Hydrometer Jars

Made of PP, with an overflow chamber and a spout.

Order No.	Type	Qty per unit
9.004900	Capacity 500 ml, Ø 50 mm, height 350 mm	1

Fig. similar

Multi Purpose Cylinders for Hydrometers

Made of DURAN glass, with a base, rim roughly ground, can be autoclaved.

Order No.	Type	Qty per unit
9.318052	Capacity 380 ml, Ø 40 mm, height 300 mm	1
9.318068	Capacity 500 ml, Ø 40 mm, height 400 mm	1
9.318053	Capacity 600 ml, Ø 50 mm, height 300 mm	1

Suspended Glass Cylinder (Cardanic Suspension)

For all lactometers and hydrometers. Offers better reading of the hydrometers at the height of the eyes and fast sample change.

Order No.	Type	Qty per unit
05.1205	Suspended glass cylinder with gimbal/cardanic suspension Included in the delivery: 05.12050 Cardanic suspension 05.12051 Glass cylinder. with an overflow and drain cock 05.12052 Base plate	1
05.12051	Spare glass cylinder with an overflow and drain cock Ø 41 mm, length 360 mm	1
05.12053	Spare glass cylinder without an overflow and drain cock, Ø 44 mm, length 450 mm	1

Lactic Meter

For fast refractive determination of total solids and added water in milk. The lactic meter offers a fast, coarse result of solids and non-fat in milk samples, without laboratory analysis. Once a drop of milk is placed on the prism and the result can be immediately read. Samples with probability of addition of water can be securely isolated and brought to the laboratory for a more accurate analysis.

Order No.	Type	Qty per unit
05.2000	Lactic meter 0-20 %	1

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Cryoscope Gerber Standard

Freezing point determination with double walled, isolated cooling container, without an electric stirrer.

Includet in the delivery:
- 05.2108 Cooling container
- 05.2202 Sample tube
- 05.21011 Stirrer small (for sample tube)
- 05.21012 Stirrer large (for cooling container)
- 05.2203 Cryoscope thermometer (for milk sample)
- 10.1000 Cooling thermometer (for cooling container)
- 05.2201 Calculator for added water
- 05.21001 Stopper PVC
- 05.21006 Stopper with hole

Order No.	Type	Qty per unit
05.2100	Cryoscope Gerber Standard complete	1

Consumables for Cryoscope Gerber Standard

Order No.	Type	Qty per unit
05.2201	Calculator for added water to convert the freezing point in % of added water with the compensation of the temperature correction of the cryo-scope thermometer	1
05.2202	Sample tube, RN 34, Ø 30 x 188 mm	1
05.2203	Cryoscope thermometer for the milk sample, measuring range: -1.2 to + 0.4 °C, scaling: 0.01 °C, with test certificate	1
10.1000	Cooling thermometer for the cooling container, measuring range: -30 to + 50 °C scaling: 0.1 °C, length approx. 270 mm	1

05.25501

Cryoscope C1

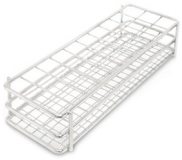
To reliably and rapidly determine the freezing point in milk acc. to ISO 5764/IDF 108.
During the daily inspection of water content in raw milk, the device would be working extremely quietly.
The dynamic cooling system, allows a maximum sample throughput even at ambient temperatures up to 35 °C.

Specifications:
- Robust and compact design
- Easy to calibrate
- Adjustable amplitude of the stirrer
- Time or plateau mode selectable
- Indication in m°C or m°H
- Touchscreen
- Data output to an external printer and/or PC selectable
- Worldwide support over the Internet possible
- Sample volume: 2.0 ml or 2.5 ml
- Measuring range: 0 to -1000 m°C/m°H
- Resolution: 0.1 m°C/m°H
- Voltage: 110 - 240 VAC/50 - 60Hz

Included in the delivery:
- 05.5024 Standard solution 408, 250 ml
- 05.5025 Standard solution 512, 250 ml
- 05.5026 Standard solution 600, 250 ml
- 05.5027 Heat transfer fluid, 250 ml
- 05.5028 Coolant C1, 250 ml
- 05.5020 Test tubes 2.0 ml, with ring marks
- 05.25186 User manual
- 05.25184 Instrument setup
- 05.25086 Country-specific power cord

Order No.	Type	Qty per unit
05.25500	C1 Manual for 1 sample	1
05.25501	C1A Automat for 12 samples	1

05.25502



05.5030

Accessories for Cryoscope C1 and C1A

Order No.	Type	Qty per unit
05.25504	Set: printer incl. USB RS232 adapter, print paper	1
05.25502	Printer with power supply and USB cable	1
05.25503	USB RS232 adapter	1
6.235043	Pipette 2.0 ml fix volume	1
6.258006	Pipette 2.5 ml fix volume	1
05.5030	Test tube rack for 30 sample tubes, made of stainless steel	1
05.25095	USB Ethernet adapter	1

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Consumables for Cyroscope C1 and C1A

Order No.	Type	Qty per unit
05.5024	Standard solution 408, 250 ml	1
05.5025	Standard solution 512, 250 ml	1
05.5026	Standard solution 600, 250 ml	1
05.5027	Heat transfer fluid, 250 ml	1
05.5028	Coolant C1, 250 ml	1
05.5020	Test tubes with a ring mark at 2.0 ml	10
05.5021	Test tubes with a ring mark at 2.5 ml	10
05.5022	Test tubes with ring marks at 2.0 and 2.5 ml	10
9.411501	Pipette tips, 2 ml	500
9.411449	Pipette tips, 5 ml	500
05.25505	Print paper	10

05.5024-05.5026

05.5020

Fat-Free Dry Matter (Butyra Test)

The Butyra test is used to rapidly determine the fat-free dry mass in unsalted butter during the manufacturing process.
The sample is weighed in the sample vial, evaporated at about 180 °C and then centrifuged.
In less than 10 minutes fat-free dry matter content can be read directly on the graduated sample container.

Order No.	Type	Qty per unit
05.6100	Butyra test sample tube, made of glass, with graduation	1
05.6101	Stirrers to Butyra test	200

Water Distribution in Butter

With the Wator quick testing kit, you can determine the size and number of water droplets in butter quickly and easily. The water droplets are shown as dark blue colored spots whose number and size are considered as a standard for water distribution. The assessment is based on a 5-point rating system (DIN 10311).

Order No.	Type	Qty per unit
7.075920	Wator butter test paper, papersize 78 x 40 mm	50

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Loops according to Prof. Burri with Handle

06.0001

Platinum wire Ø 0.5 x 60 mm, 10 % iridium, with an aluminum handle and removable cap.

Order No.	Type	Qty per unit
06.0000	Loop Ø: 1.3 mm, loop volume: 0.001 ml	1
06.0001	Loop Ø: 1.5 mm, loop volume: 0.001 ml	1
06.0002	Loop Ø: 3.0 mm, loop volume: 0.01 ml	1
06.0003	Loop Ø: 2.5 mm, loop volume: 0.01 ml	1
06.0004	Without loop	1

Loops according to Prof. Burri without Handle

Platinum wire Ø 0.5 x 65 mm, 10 % iridium.

Order No.	Type	Qty per unit
06.0010	Loop Ø: 1.3 mm, loop volume: 0.001 ml	1
06.0011	Loop Ø: 1.5 mm, loop volume: 0.001 ml	1
06.0012	Loop Ø: 3.0 mm, loop volume: 0.01 ml	1
06.0013	Loop Ø: 2.5 mm, loop volume: 0.01 ml	1

Loop Holder

Order No.	Type	Qty per unit
9.160020	Dissecting needle holder acc. to Kolle with wire Ø 0.3 to 0.7 mm	1

Platinum Wire

10 % iridium, sold per cm.

Order No.	Type	Qty per unit
06.0005	Ø 0.5 mm	1
06.0006	Ø 0.6 mm	1
06.0007	Ø 0.8 mm	1

Platinum Loop

For Thompson method, cannula Ø 3.0/2.4 mm, loop Ø 1.3 mm, length approx. 30 mm, permanently welded.

Order No.	Type	Qty per unit
06.0021	Platinum loop with Luer-Lock joint, loop volume: 0.001 ml	1

Self Filling Syringes Dosys ™

Precise dosing with perfect tightness without gasket, corrosion resistant, high chemical resistance, fully assembled, can be autoclaved at 121 °C
Packaging of Dosys ™ 172 includes: syringe, PVC protection sleeve
Packaging of Dosys ™ 173 includes: syringe, 1 m silicone hose, suction cup, PVC protection sleeve, aspiration and vent cannulas, valve replacement set
Packaging of Dosys TM 174 includes: syringe, 1 m silicone hose, suction cup, PVC protection sleeve, ventilation and dosing cannulas, valve replacement set

Order No.	Type	Qty per unit
9.411527	Dosys ™ basic 172, volume: 1 to 10 ml, without a revolver handle	1
6.205165	Dosys ™ classic 173, volume: 0.1 to 1 ml, with a revolver handle	1
9.411521	Dosys ™ premium 174, volume: 0.3 to 2 ml, with a removable revolver handle	1

Dilution Pipets

Brown graduated.

Order No.	Type	Qty per unit
06.0100	Ring marks at 1 and 1.1 ml, with tapered mid section	1
06.0101	Ring marks at 1, 2, 2.1 and 2.2 ml, with tapered mid section	1
06.0102	Graduated from 0 to 1.1 ml, straight shape	1

Bacteriological Pipette

Order No.	Type	Qty per unit
06.0105	1 ml, sterilizable, straight shape	1

Durham Tubes

For coliform tests, round bottom, without rim.

Order No.	Type	Qty per unit
6.075938	Ø 7 x 27 mm, made of DURAN glass	100
9.190200	Ø 8 x 40 mm, made of DURAN glass	100
6.262604	Ø 12 x 55 mm, made of PP	100

Drigalski Spatula

Order No.	Type	Qty per unit
06.0130	Length 18 mm, made of DURAN glass	1

Swabs

Order No.	Type	Qty per unit
9.404001	Disposable cotton swab on wooden stick, length 150 mm, sterile and individually packed	300

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Seal Foil Parafilm® M

Can be stretched up to 200 % and clings around irregular shapes and surfaces. Parafilm M is resistant to many polar substances such as saline solutions, inorganic acids and alkaline solutions for up to 48 hours. After this time it may become brittle. Parafilm M conforms to general FDA requirements if used below 55 °C.

Parafilm M data:

Toxicity:	Non-toxic
Melting temperature:	60 °C
Burning point:	301 °C
Continued use temperature:	-45 to +50 °C
Stretching ability:	200 %
Elongation at tear:	300 %

Gas permeability over 24 hours at 23°C and 50 % relative air humidity:
0_2 (Oxygen): ≤ 350 cm³/m²
N_2 (Nitrogen): ≤ 105 cm³/m²
$C0_2$ (Carbon dioxide): ≤ 1100 cm³/m²
Water vapor permeability in 24 h at 37 °C and 90 % relative air humidity: 0.8 g/m²

Order No.	Type	Qty per unit
9.170003	Parafilm M, WxD: 75 m x 50 mm	1
9.170002	Parafilm M, WxD: 38 m x 100 mm	1
9.170005	Parafilm M, WxD: 75 m x 100 mm	1

Test Strips QUANTOFIX

For semi-quantitative determinations, packs with strips (6 x 95 mm).

Order No.	Type	Qty per unit
9.130427	Peroxide 25, measuring range: 0 to 25 mg/l H_2O_2	100
9.130411	Peroxide 100, measuring range: 0 to 100 mg/l H_2O_2	100
9.130426	Peroxide 1000, measuring range: 0 to 1000 mg/l H_2O_2	100

Test Strips MERCKOQUANT

For fast detection of residual peroxide in UHT milk. reaction time 15 sec.

Order No.	Type	Qty per unit
9.129934	Peroxide, measuring range: 0.5 to 25 mg/l H_2O_2	100

Culture media bottles can be obtained from our online shop

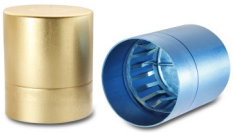
ERLENMEYERCAP and LABOCAP

Material:
Aluminum: colored anodized

Specifications:
Caps seal sterile but not hermetically. Steel springs clamp onto the outer wall of the container.

Benefits:
Stainless, washable, reusable, heat-resistant, sterilizable, various. Colors for better recognition (green, yellow, violet and black are special colors additional charge), very good adhesion, air circulation is ensured.

Cleaning advice:
The colored anodized coating on the aluminum caps is not resistant to alkaline detergent.
For cleaning, use a mild neutral detergent.



ERLENMEYERCAP without Handle

Caps for culture bottles (without beaded rim) and culture medium bottles with a straight neck (Ø 38 mm).

Order No.	For glasses with Ø mm	Color	Qty per unit
9.231457	37 /39	Blue	10
9.231458	37 /39	Red	10
9.231456	37 /39	Silver	10
23.21231	37 /39	Green	10
23.21232	37 /39	Yellow	10
23.21233	37 /39	Violet	10
23.21234	37 /39	Black	10

LABOCAP with Handle

Order No.	For glasses with Ø mm	Color	Qty per unit
9.231403	15 / 16	Blue	100
9.231413	15 / 16	Red	100
9.231345	15 / 16	Silver	100
9.231327	15 / 16	Green	100
9.231326	15 / 16	Yellow	100
9.231329	15 / 16	Violet	100
9.231328	15 / 16	Black	100
23.21043	17 / 18	Blue	100
23.21042	17 / 18	Red	100
9.231347	17 / 18	Silver	100
9.231331	17 / 18	Green	100
9.231330	17 / 18	Yellow	100
9.231333	17 / 18	Violet	100
9.231332	17 / 18	Black	100

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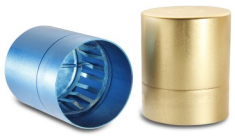
LABOCAP without Handle

Order No.	For glasses with Ø mm	Color	Qty per unit
9.231421	9 / 10	Blue	100
9.231441	9 / 10	Red	100
9.231369	9 / 10	Sillver	100
23.21210	9 / 10	Green	100
23.21212	9 / 10	Yellow	100
23.21213	9 / 10	Violet	100
23.21214	9 / 10	Black	100
9.231422	12 / 13	Blue	100
9.231442	12 / 13	Red	100
9.231372	12 / 13	Silver	100
9.231463	12 / 13	Green	100
9.231460	12 / 13	Yellow	100
9.231335	12 / 13	Violet	100
9.231334	12 / 13	Black	100
9.231423	14 / 15	Blue	100
9.231443	14 / 15	Red	100
9.231374	14 / 15	Silver	100
23.21215	14 / 15	Green	100
23.21216	14 / 15	Yellow	100
23.21217	14 / 15	Violet	100
23.21218	14 / 15	Black	100
9.231424	15 / 16	Blue	100
9.231444	15 / 16	Red	100
9.231375	15 / 16	Silver	100
9.231464	15 / 16	Green	100
9.231461	15 / 16	Yellow	100
9.231336	15 / 16	Violet	100
9.231466	15 / 16	Black	100
9.231425	17 / 18	Blue	100
9.231445	17 / 18	Red	100
9.231377	17 / 18	Silver	100
9.231465	17 / 18	Green	100
9.231462	17 / 18	Yellow	100
9.231338	17 / 18	Violet	100
9.231337	17 / 18	Black	100



LABOCAP without Handle

Order No.	For glasses with Ø mm	Color	Qty per unit
9.231426	19 / 20	Blue	100
9.231446	19 / 20	Red	100
9.231379	19 / 20	Silver	100
9.231340	19 / 20	Green	100
9.231339	19 / 20	Yellow	100
9.231342	19 / 20	Violet	100
9.231341	19 / 20	Black	100
9.231427	21 / 23	Blue	100
9.231447	21 / 23	Red	100
9.231381	21 / 23	Silver	100
23.21219	21 / 23	Green	100
23.21220	21 / 23	Yellow	100
23.21221	21 / 23	Violet	100
23.21222	21 / 23	Black	100
9.231428	24 / 26	Blue	100
9.231448	24 / 26	Red	100
9.231385	24 / 26	Silver	100
23.21223	24 / 26	Green	100
23.21224	24 / 26	Yellow	100
23.21225	24 / 26	Violet	100
23.21226	24 / 26	Black	100
9.231429	28 / 30	Blue	100
9.231449	28 / 30	Red	100
9.231388	28 / 30	Silver	100
23.21227	28 / 30	Green	100
23.21228	28 / 30	Yellow	100
23.21229	28 / 30	Violet	100
23.21230	28 / 30	Black	100

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Colony Counter ColonyCount V

To count bacterial colonies with reliability and efficiency.

Novelties of our ColonyCount V:
- Ergonomic and optimized design
- Unique Light Dispose Grating (LDG)
- Adjustable background and side lighting
- Multifunctional graphic display
- Acoustic and optical count signal
- Data storage and data management
- Wide variety of optional accessories

Specifications:
- Intelligent, reliable, accurate and fatigue-free counting out of Petri dishes
- Uniform illumination of the counting area
- Glare-free working
- User-friendly menu-driven operation
- Seamless documentation (GLP)
- Display : Graphic display with keypad
- Standard magnifier: Dual magnification
- Illumiation: LED side and from bellow (LDG)
- Petri dishes: Ø to 120 mm
- Voltage: 100 - 240 VAC/50 - 60 Hz

Included in the delivery:
- 06.140009 Wolffhuegel disk, grid 1 cm^2 and 1/9 cm^2
- 06.140019 Adapter for petri dishes Ø 120/90 mm
- 06.1303 High quality magnifier with a flexible mount
- 06.1305 External power supply
- 06.1311 Quick start guide
- 06.1315 User manual on CD
- 25.6030 Permanent marker black

Order No.	Type	Qty per unit
06.1300	ColonyCount V	1

06.140024

06.1303

Accessories and Consumables for ColonyCount V

Order No.	Type	Qty per unit
06.130003	Thermo printer for ColonyCount V	1
50.250113	Thermo printer paper	1
06.130004	Cable for printer RS232	1
06.1313	Memory card 2 GB	1
06.1399	Software and cable	1
06.1410	Sensor pen for external counting	1
06.1411	Spare pen for external counting (06.1410)	1
06.140024	Adapter set for petri dishes Ø 120-50/60/80/90 mm	1
06.1307	Adapter for petri dishes Ø 120/50 mm	1
06.1308	Adapter for petri dishes Ø 120/60 mm	1
06.1309	Adapter for petri dishes Ø 120/80 mm	1
06.140019	Adapter for petri dishes Ø 120/90 mm	1
06.140009	Wolffhuegel disk, grid 1cm^2 and 1/9 cm^2	1
25.6030	Permanent marker black	1
06.1303	High quality magnifier with a flexible mount	1

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3M™ Petrifilm™

Ready for use, simple and fast microbiological test without much of the laboratory work. Petrifilm consists of two sheets that contain all the substances needed for bacteria growth. Petrifilm is usually used with 1 ml samples (direct or after dilution), inoculated and then incubated. After this, the colonies can be counted straightaway. Also applicable for air samples and surface checks.

Order No.	Type	Qty per unit
06.1920	Aerobe total viable count (TVC) For the detection of lactic acid bacteria in food samples. incubation time: 48 h contents: 2 bags with 50 pieces	100
06.1921	High sensitive coliform counting plate Count red colonies as confirmed coliforms to detect low coliform concentrations in the dairy industry. incubation time: 24 h contents: 2 bags with 25 pieces	50
06.1922	E.coli /coliform counting plate Count red and blue colonies as confirmed coliforms. Count blue colonies as confirmed E. Coli. incubation time: 24 to 48 h. contents: 2 bags with 25 pieces.	50
06.1923	Yeast and mold counting plate Differentiation of yeasts and molds and determination of their bacterial counts. incubation time: 3 to 5 days contents: 2 bags with 50 pieces	100
06.1924	Enterobacteriaceae counting plate Determination of the Enterobacteriaceae count and the number of potential pathogens to detect impurities in the manufacturing environment and in food sample. incubation time: 22 h contents: 2 bags with 25 pieces	50
06.1926	Plates reader Allows in four seconds, the continuous and automatic reading and storing of the results of 3M™ Petrifilm™ Plates (aerobic plate count, coliform number, E. coli / coliform number, enterobacteria number). incl. software for data transmission	1

Incubators

Specifications:
- Natural convection
- Temperature range: + 5 °C above ambient to +70 °C
- Digital controller
- 2 shelves of stainless steel
- Calibration certificate (37 °C)
- 230 VAC

Order No.	Type	Qty per unit
30GI.603010	Incubator TSI 16, volume 16 l, power 85 W int. dimensions (WxDxH): 270 x 255 x 230 mm ext. dimensions (WxDxH): 505 x 400 x 370 mm	1
30GI.603020	Incubator TSI 35, volume 35 l, power 125 W int. dimensions (WxDxH): 360 x 320 x 300 mm ext. dimensions (WxDxH): 595 x 460 x 440 mm	1

Matching petri dishes can be obtained from our online shop

Phosphatase Test Lactognost

For the detection of alcaline phosphatase in milk, whey, cream and butter.
The test allows the testing of sufficient short time heating up of milk and related products, and the detection of raw milk in pasteurized milk.

Order No.	Type	Qty per unit
06.2010	Kit with reagents for 100 tests, dosing spoon, color comparative table and instructions for use	1

Phosphatase Test acc. to Aschaffenburg and Mullen

Fast and simple method with a convenient comparator for the reliable evaluation of color change (reagents on request).

Order No.	Type	Qty per unit
9.947150	Comparator 2000	1
6.072147	Milk viewing stand DB 415	1
7.072177	Color disc APTW	1
06.2033	Test tube AF 215 TT	1

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Strip Cup

Order No.	Type	Qty per unit
06.2050	For visual inspection of milk consistency and separation of the germ-rich first spray of milk from the rest of milking. Practical fittings, made of durable plastic with black inlay, suitable as a measuring vessel.	1

Schalm Test Paddle

Order No.	Type	Qty per unit
06.2051	To carry out California mastitis tests according to Schalm. A milk sample (approx. 2 ml) is added from every udder quarter to each well.	1

Schalm Test Solution

Order No.	Type	Qty per unit
06.2052	A test liquid to determine the cell content of raw milk with ease and safety. As of 100.000 cells/ml, there is a visible reaction with the test solution and the milk sample.	1

Centrifuge Tubes for Leucocytes Test

06.2060

Order No.	Type	Qty per unit
06.2060	According to Trommsdorff, 10 ml with graduated capillary tip	1
06.2061	According to Skar, 10 ml with conical graduated tip	1

Whiteside Test

Leach test to rapidly detect somatic cells in milk samples.
Fresh milk is mixed with NaOH in a 3:1 ratio for about 30 seconds.
Threads or lumps form clots are assessed as positive.

Included in the delivery:
- 06.20700 Black glass plate for 24 samples
- 06.20701 Applicator stick
- 06.20702 Pipette
- 06.20703 Spatula
- 06.20713 Comparison chart

Order No.	Type	Qty per unit
06.2070	Whiteside test complete	1

Reduction Test

The reduction test is used to test the bacteriological quality and shelf life of milk.
Equipment for reduction tests:
Waterbaths: see on p. 19
Ovens: see on p. 30

Test Tubes for Reduction Test

Strong walled DURAN glass, with a frostet label.

Order No.	Type	Qty per unit
06.3000	Ø 16 x 130 mm, ring mark: 10 ml	100
06.3001	Ø 13 x 140 mm, ring mark: 10 ml	100
06.3002	Ø 17 x 180 mm, ring marks: 10 + 20 ml	100
06.3003	Ø 17 x 180 mm, ring mark: 20 ml	100
06.3005	Ø 22 x 195 mm, ring marks: 25 + 40 ml	100

Fig. similar

Racks for Reduction Test Tubes

Made of stainless steel.

Order No.	Type	Qty per unit
06.3011	Ø 18 mm, dimensions: 240 x 55 mm, for 20 test tubes	1
06.3013	Ø 13 mm, dimensions: 230 x 55 mm, for 34 test tubes	1

Accessories and Consumables for Reduction Test

Order No.	Type	Qty per unit
06.3015	Dispenser gun DO 55 for repetitive dispensing of 1.5 ml or 1 ml coloring solution (spare glasses no longer available)	1
06.3016	Methylene blue pipet, with bulb, 1 ml: 0.25, graduated	1
06.3020	Methylene blue tablets, rapidly and entirely dissolvable, constant staining quality, box with 50 tablets for 800 ml solution each	50
06.3033	Resazurin tablets, UK standard, box with 100 tablets	100
06.3022	Resazurin color comparison table	1

More racks for test tubes available on request

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Sediment Test Pump

Order No.	Type	Qty per unit
06.8000	Acrylic glass tube 500 ml and nickel plated fittings, suction tube and ventilation tube hinged to accept filter discs, filtering surface Ø 18 mm, for filter cards and cotton wool filters	1

Sediment Tester Gerber

Order No.	Type	Qty per unit
06.8010	Sediment tester Gerber foldable aluminum bottle 500 ml, with drain hose and clamp to attach it to the edge of the table, filtering surface Ø 18 mm, for filter plates and cotton filters	1
06.8030	Matching pressure air blower to speed up the filtration process	1

Sediment Tester Rapido

With an electric vacuum pump for the rapid sucking through of milk samples, hinged aluminum bottle 500 ml, filtering surface Ø 18 mm, for filter plates and cotton filters.
Particularly suitable for serial dirt sample determinations.

Order No.	Type	Qty per unit
06.8040	Sediment tester Rapido, 230 VAC/50 Hz	1
06.8040-115	Sediment tester Rapido, 115 VAC/60 Hz	1

Filter Funnel for Sediment Test

Order No.	Type	Qty per unit
06.8015	Filter funnel for sediment testing made of stainless steel, mesh bottom for round filter Ø 32mm	1

Filter for Sediment Test

06.8050

Order No.	Type	Qty per unit
06.8050	Filter cards for sediment tests dimensions: 80 x 45 mm	500
06.8052	Round filters for dirt test in milk Ø 32 mm, mass per unit area 130 g/m², thickness 1.0 mm	1000
06.8052S	Round filters for dirt test in milk Ø 32 mm, mass per unit area 130 g/m², thickness 1.2 mm	1000

Comparison Table for Sediment Test

Order No.	Type	Qty per unit
06.8060	A5-format, in color with 5 grades for filtered and not filtered milk (acc. to Swiss standard), text in 4 languages (English, French, German, Spanish)	1

Acidity Determination according to Salut

Quick method:
Mixing of 2 ml of milk and 2 ml Alizarol (red liquor) in the tester,
mixture runs into the sample vial, assessment by discoloration.

Acidimeter Salut

Order No.	Type	Qty per unit
07.0010	Acidimeter Salut made of stainless steel, including 2 test tubes with drain holes	1
07.0011	Spare test tube for Salut	1
07.0030	Color comparison table for acidity test with 5 color grades for acidity degrees between 6.5 and 12°SH, in 4 languages (English, French, German, Spanish)	1

Acidity Determination by Titration according to Soxhlet-Henkel

Definition:
The acidity Soxhlet-Henkel is the amount ml 0.25 N sodium hydroxide consumed in the titration of 100 ml of milk to a standard color (pink). The test method is applicable to uncolored milk and dairy products.

Fig. similar

Automatic Acidity Buret Soxhlet-Henkel

Buret for direct reading in °SH based on 25 ml milk sample, automatic self zeroing, Schellbach stripping.

Order No.	Type	Qty per unit
07.0100	Buret: 0 to 25 °SH : 1/10 °SH, polyethylene reservoir 500 ml with base	1
07.0110	Buret: 0 to 40 °SH : 1/5 °SH, polyethylene reservoir 1000 ml with base	1
07.0101	Spare buret 0 to 25 °SH : 1/10 °SH	1
07.0111	Spare buret 0 to 40 °SH : 1/5 °SH	1

Accessories for Acidity Determination acc. to Soxhlet-Henkel

Order No.	Type	Qty per unit
07.0120	Milk pipet 25 ml, made of DURAN glass with large outlet	1
20.0009	Graduated pipette, made of DURAN glass	
06.3005	Test tubes for 25 ml milk (see on p. 56)	100
23.0721	Test tube rack, for 36 samples, made of stainless steel hole size: 26 x 26 mm	1
23.0722	Test tube rack, for 48 samples, made of stainless steel hole size: 26 x 26 mm	1
23.0723	Test tube rack, for 18 samples, made of stainless steel hole size: 26 x 26 mm	1
23.0724	Test tube rack, for 12 samples, made of stainless steel hole size: 26 x 26 mm	1

Chemicals on request

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Acidity Determination by Titration according to Peter

Definition:
1 °SH = x ml sodium hydroxide 0.25 N to 10 ml milk.
Quick method according to the same principle as Soxhlet Henkel, is often used by cheese makers.

Automatic Acidity Buret Schilling

Direct reading in °SH when using 10 ml of milk, automatic self zeroing, Schellbach stripping.

Order No.	Type	Qty per unit
20.0804	0 to 5 ml: 0.05 (0 to 50 °SH), polyethylene reservoir 500 ml with base	1
20.0805	0 to 10 ml: 0.05 (0 to 100 °SH), polyethylene reservoir 500 ml with base	1

Fig. similar

Accessories for Acidity Determination acc. to Peter

Order No.	Type	Qty per unit
07.0130	Milk pipette Peter 10 ml	1
07.0131	Graduated pipette 1 ml (0 to 10 °SH)	1
07.0132	Graduated pipette 3 ml (0 to 30 °SH)	1
07.0133	Graduated pipette 4 ml (0 to 40 °SH)	1
06.3000	Test tubes Ø 16 x 130 mm (see on p. 56)	100
06.3001	Test tubes Ø 13 x 140 mm (see on p. 56)	100
23.0710	Test tube rack, for 12 samples, made of stainless steel hole size: 21 x 21 mm	1
23.0711	Test tube rack, for 18 samples, made of stainless steel hole size: 21 x 21 mm	1
23.0713	Test tube rack, for 36 samples, made of stainless steel hole size: 21 x 21 mm	1
23.0714	Test tube rack, for 48 samples, made of stainless steel hole size: 21 x 21mm	1

Chemicals on request

Acidity Determination by Titration according to Dornic

Definition:
Acidity according to Dornic is the amount ml 0.1 N sodium hydroxide consumed in the titration of 100 ml of milk to a standard color (pink) (1 °D = 0.444 °S). The test method is applicable to milk and other uncolored dairy products.

07.0151

Automatic Acidity Buret Dornic

With direct division in °D bases on 10 ml milk, automatic self zeroing, Schellbach stripping.

Order No.	Type	Qty per unit
07.0150	0 to 40 °D, polyethylene reservoir 500 ml with base	1
07.0151	0 to 100 °D, polyethylene reservoir 500 ml with base	1
07.01500	Spare buret 0 to 40 °D	1
07.01510	Spare buret 0 to 100 °D	1

Chemicals on request

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pH Cheese Set

For the easy pH measuring in cheese and other solid or semi-solid dairy products.

Included in the delivery:
- 50.2AA112-KE pH/mV pocket meter with large LCD display
- 50.1510 Gerber pH probe
- 50.1200 1 m cable with DIN connector for pH and redox electrodes
- 50.1550 Gerber temperature probe type TFK (1 m cable)
- Carrying case with buffer solutions STP 4 and STP 7 (50 ml)
- Accessories: stand, beaker, CD-ROM and batteries

Order No.	Type	Qty per unit
50.pH3110-KE	pH cheese set 3110/GI	1

Consumables for pH Cheese Set

50.1510

Order No.	Type	Qty per unit
50.1510	Gerber pH probe	1
50.1200	1 m cable with DIN connector for pH and redox electrodes	1
50.1550	Gerber temperature probe type TFK (1 m cable)	1
50.108800	Technical buffer solution TPL 4, 250 ml	1
50.108802	Technical buffer solution TPL 7, 250 ml	1
50.108804	Technical buffer solution TPL 10, 250 ml	1

pH 7 - Handheld Meters Set/Basic

Ergonomic and rugged portable measuring instrument with additional protective casing, protection: IP 57, large display, BNC connection for pH probe, RCA socket for temperature probe, 3 x 1.5 V batteries (AA).

Functions:
- Simultaneous display of pH/mV and temperature
- Selectable resolution 0.1/0.01 pH
- Automatic calibration1-, 2- or 3-point with standard buffers
- Manual calibration1- or 2-point with custom buffers

Included in the delivery:
- pH meter
- Probe
- Buffer solutions
- KCl solution
- Carrying case

Order No.	Type	Qty per unit
30GI.101020	pH 7 set milk/basic, incl. pH probe with temperature sensor inside	1
30GI.101030	pH 7 set cheese/basic, incl. pH penetration probe with temperature sensor inside	1
30GI.101040	pH 7 set meat/basic, incl. pH penetration probe with temperature sensor inside (probe: shaft and blade tip made of stainless steel)	1

pH 70 - Handheld Meters Set/Advanced

Ergonomic and rugged portable measuring instrument with additional protective casing, protection: IP 57, large backlit display, BNC connection for pH probe, RCA socket for temperature probe, 3 x 1.5 V batteries (AA).

Functions:
- Simultaneous display of pH/mV and temperature
- Selectable resolution 0.1/0.01 pH
- Automatic calibration1-, 2- or 3-point calibration with standard buffers
- Manual calibration1- or 2-point with custom buffers
- Definition of calibration cycles
- GLP
- Data logger with up to 500 data sets
- USB port for data transfer to PC
- Software for data transfer

Included in the delivery:
- pH meter
- Probe
- Buffer solutions
- KCl solution
- Software, power supply, USB cable
- Carrying case

Order No.	Type	Qty per unit
30GI.102020	pH 70 set milk/advanced, incl. pH probe with temperature sensor inside	1
30GI.102030	pH 70 set cheese/advanced, incl. pH penetration probe with temperature sensor inside	1
30GI.102040	pH 70 set meat/advanced, incl. pH penetration probe with temperature sensor inside (probe: shaft and blade tip made of stainless steel)	1

Consumables for pH 7 and pH 70

Order No.	Type	Qty per unit
30GI.107020	pH probe with included temperature sensor, BNC/RCA, 1 m cable, suitable for milk, drinks and other liquids	1
30GI.107030	pH penetration probe with included temperature sensor, BNC/RCA, 1 m cable, suitable for cheese and semi-solid products	1
30GI.107040	pH penetration probe with included temperature sensor, BNC/RCA, 1 m cable, suitable for meat, sausages etc. probe: shaft and blade tip made of stainless steel	1
30GI.108010	Technical buffer solution pH 4, 250 ml	1
30GI.108020	Technical buffer solution pH 7, 250 ml	1
30GI.108030	Technical buffer solution pH 10, 250 ml	1
30GI.108015	Technical buffer solution pH 4, 500 ml	1
30GI.108025	Technical buffer solution pH 7, 500 ml	1
30GI.108035	Technical buffer solution pH 10, 500 ml	1

pH Tester - pH 5 Set

pH stick with LCD display, protection: IP 67, 4 x 1.5 V batteries (AAA).

Functions:
- Display of pH/mV and temperature
- Measuring range: -2 to 16 pH/±500 mV
- Temperature: 0 to 50 °C
- 1- to 3-point calibration

Included in the delivery
- pH stick
- Probe (exchangable)
- pH buffer- and storage solution
- Carrying case

Order No.	Type	Qty per unit
30GI.103050	pH tester pH 5 set	1
30GI.103060	pH 51 spare probe for pH 5 set	1

pH Tester - pH 5 Set for Food

pH stick with pH penetration probe.
Functions and included accessories are the same as for pH tester pH 5 set.

Order No.	Type	Qty per unit
30GI.103051	pH tester pH 5 set for food	1
30GI.103061	SpH 51 spare probe for pH 5 set for food	1

Cond 7 - Handheld Meters Set/Basic

Ergonomic and rugged handheld instrument with additional protective casing, protection: IP 57, large display, BNC connection for conductivity probe, RCA socket for temperature probe, 3 x 1.5 V batteries (AA).

Functions:
- Display conductivity and temperature simultaneously
- Automatic calibration 1- to 4-point with conductivity standards
- Manual calibration 1-point with a custom standard
- Automatic and manual compensation of temperature with reference value 15 to 30°C

Included in the delivery:
- Conductivity meter
- With/without probe
- Conductivity solutions
- Carrying case

Order No.	Type	Qty per unit
30GI.201010	Cond 7 set/basic, without probe	1
30GI.201020	Cond 7 set/basic, incl. cond probe 2301T (10 µS - 200 mS)	1

Cond 70 - Handheld Meters Set/Advanced

Ergonomic and rugged handheld instrument with additional protective casing, protection: IP 57, large backlit display, BNC connection for conductivity probe, RCA socket for temperature probe, 3 x 1.5 V batteries (AA).

Functions:
- Display conductivity and temperature simultaneously
- Automatic calibration 1- to 4-point with conductivity standards
- Manual calibration 1-point with a custom standard
- Automatic and manual compensation of temperature with reference value 15 to 30°C
- TDS measurement with adjustable factor
- GLP
- Data logger, manual and automatic with 500 memory values with date and time
- USB port for data transfer to PC
- Software for data transfer

Included in the delivery:
- Conductivity meter
- With/without probe
- Conductivity solutions
- Software, power supply, USB cable
- Carrying case

Order No.	Type	Qty per unit
30GI.202010	Cond 70 set/Advanced without probe	1
30GI.202020	Cond 70 set/Advanced incl. cond probe 2301T (10 µS - 200 mS)	1

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Consumables for Cond 7 and Cond 70

Order No.	Type	Qty per unit
30GI.207020	Conductivity cell 2301T, measuring range 10 µS - 200 mS, with integrated thermometer, 1 m cable	1
30GI.207030	Conductivity cell VPT51/01, measuring range 0.1 µS - 1 mS with integrated thermometer, 1 m cable	1
30GI.208010	Conductivity solution, 500 ml, 84 µS/cm	1
30GI.208020	Conductivity solution, 500 ml, 1413 µS/cm	1
30GI.208030	Conductivity solution, 500 ml, 12880 µS/cm	1

Conductivity Tester - Cond 5 Set

Stick with LCD display, protection: IP 67, 4 x 1.5 V batteries (AAA).

Functions:
- Display conductivity, TDS and temperature simultaneously
- Measuring range: 0 to 200 µS/ 0 to 2000 µS/ 0 to 20 mS/ 0.1 ppm to 14 ppt
- Temperature: 0 to 50 °C
- 1- to 3-point calibration

Included in the delivery:
- Cond stick
- Conductivity probe (replaceable)
- Conductivity and storage solutions
- Carrying case

Order No.	Type	Qty per unit
30GI.203050	Conductivity tester cond 5 set	1
30GI.203060	Cond 51 spare probe for cond 5 set	1

PC 7 - pH/Cond Handheld Meters Set/Basic

Ergonomic and rugged handheld instrument with additional protective casing,
protection: IP 57, large display, BNC connection for pH and conductivity measurement probe, RCA socket for temperature probe, 3 x 1.5 V batteries (AA).

Functions pH:
- Display pH/mV and temperature simultaneously
- Selectable resolution: 0.1/0.01 pH
- Automatic calibration up to 3 points with 2 selectable pH buffer sets (USA and NIST)
- Manual calibration up to 2 points with a custom pH buffer

Functions conductivity:
- Display conductivity and temperature simultaneously
- Automatic calibration from 1- to 4-points with 4 conductivity standards
- Manual calibration at 1-point with a custom standard
- Automatic and manual compensation of temperature with reference value 15 to 30°C

Included in the delivery:
- Combination instrument
- Probes
- Buffer and conductivity solutions
- KCl solution
- Carrying case

Order No.	Type	Qty per unit
30GI.401020	PC7 set/basic incl. pH probe with integrated NTC temperature sensor and cond probe 2301T	1

PC 70 - pH/Cond Handheld Meters Set/Advanced

Ergonomic and rugged handheld instrument with additional protective casing,
protection: IP 57, large backlit display, BNC connection for pH and conductivity measurement probe, RCA socket for temperature probe, 3 x 1.5 V batteries (AA).

Functions pH:
- Display pH/mV and temperature simultaneously
- Selectable resolution: 0.1/0.01 pH
- Automatic calibration up to 3-points with 2 selectable pH buffer sets (USA and NIST)
- Manual calibration up to 2-points with a custom pH buffer

Functions conductivity:
- Display conductivity and temperature simultaneously
- Automatic calibration from 1- to 4- points with 4 conductivity standards
- Manual calibration at 1-point with a custom standard
- Automatic and manual compensation of temperature with reference value 15 to 30°C

Functions in general:
- TDS measurements
- CAL DUE: set of calibration frequency for high quality of measurements
- GLP
- Datalogger (automatic or manual) 500 data sets with date and time
- USB Port to transfer Data and power by computer or power supply (included)
- Software PC-Link to download data (included)

Included in the delivery:
- Combination instrument
- Probes
- Buffer and conductivity solutions
- KCl solution
- Software, power supply, USB cable
- Carrying case

Order No.	Type	Qty per unit
30GI.402020	PC70 set/advanced incl. pH probe with integrated NTC temperature sensor and cond probe 2301T	1

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Consumables for PC 7 and PC 70

Order No.	Type	Qty per unit
30GI.207020	Conductivity cell 2301T, measuring range 10 µS - 200 mS, with integrated thermometer, 1 m cable	1
30GI.207030	Conductivity cell VPT51/01, measuring range 0.1 µS - 1 mS with integrated thermometer, 1 m cable	1
30GI.208010	Conductivity solution, 500 ml, 84 µS/cm	1
30GI.208020	Conductivity solution, 500 ml, 1413 µS/cm	1
30GI.208030	Conductivity solution, 500 ml, 12880 µS/cm	1
30GI.107020	pH probe with included temperature sensor, BNC/RCA, 1 m cable	1
30GI.107030	pH penetration probe with included temperature sensor, BNC/RCA, 1 m cable	1
30GI.108010	Technical buffer solution pH 4, 250 ml	1
30GI.108020	Technical buffer solution pH 7, 250 ml	1
30GI.108030	Technical buffer solution pH 10, 250 ml	1
30GI.108015	Technical buffer solution pH 4, 500 ml	1
30GI.108025	Technical buffer solution pH 7, 500 ml	1
30GI.108035	Technical buffer solution pH 10, 500 ml	1

Multiparameter Tester - PC 5 Set

Stick with LCD display, protection: IP 67, 4 x 1.5 V batteries (AAA).

Functions:
- Display pH/mV, conductivity, TDS and temperature
- Measuring range pH: -2 to 16 pH/±500 mV
- Measuring range cond: 0 to 200 µS/ 0 to 2000 µS/ 0 to 20 mS/ 0.1 ppm to 14 ppt
- Temperature: 0 to 50 °C
- 1- to 3-point calibration

Included in the delivery:
- Multiparameter stick
- pH and cond probe (exchangable)
- pH buffer-, conductivity- and storage solutions
- Carrying case

Order No.	Type	Qty per unit
30GI.403050	pH and cond tester PC 5 Set	1
30GI.403060	PC 51 spare probe for PC 5 set	1

Detection of Fat Deterioration (Method MTI)

The mechanical stress on of milk and cream by cooling, pumps and transporting damaged the fat globules. Thus, the quality is deteriorated. With the method developed by the scientific milk institute of ETH Zurich, sources of damage can quickly, easily and reliably be elicited by stage inspections.

The method is based on 3 analyzes:
- Fat content according to Gerber
- Free fat
- Free fatty acids

The sum of the converted into free fatty acids and the directly measured free fat is the total amount of free fat and is expressed as % free fat of the total fat.

08.2000

Specifically Required Equipment for Method MTI

Order No.	Type	Qty per unit
03.3112-12	Centrifuge Gerber Universal (see on p. 22), 230 VAC, with heating and universal rotor for 12 positions, special insert on request (order separately)	1
03.3113-12	Centrifuge Gerber Universal (see on p. 22), 115 VAC, with heating and universal rotor for 12 positions, special insert on request (order separately)	1
08.2010	Special insert for free fat butyrometers (on request)	1
08.2000	Free fat butyrometer incl. stopper (03.0920) for evaluation of free fat in milk and cream, scale reading 0.002	1

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Flow Out Viscometer

For quick testing of the viscosity of sour milk products, such as yogurt, sour milk, sour cream and cream . Simply fill the funnel with 100 ml, let the sample drain through the outlet valve and measure the time.

Included in the delivery:
- 08.3001 Flow out viscometer with nozzle Ø 2 and 3 mm
- 08.30003 Stand garnish
- Pharmacist patel 130 mm
- Pharmacist patel 200 mm
- Ring for flow out viscometer

Order No.	Type	Qty per unit
08.3000	Flow out viscometer complete	1

Accessories for Flow Out Viscometer

Order No.	Type	Qty per unit
08.3002	Nozzle for viscometer Ø 2 mm	1
08.3003	Nozzle for viscometer Ø 3 mm	1
08.3004	Nozzle for viscometer Ø 4 mm	1
08.3005	Nozzle for viscometer Ø 5 mm	1
08.3006	Nozzle for viscometer Ø 6 mm	1
08.3008	Nozzle for viscometer Ø 8 mm	1
9.262410	Stopwatch Addition stopper Amigo, impact-resistant, unbreakable main spring, ABS case, Ø 55 mm, with lanyard (120 cm), division sec: 1/10, display min: 15	1
9.260189	Stopwatch Digi clock timer TR 119 OS, large 6-digit LCD display, programmable for up to 23 h, 59 min, 59 sec 1-minute audible alarm when timed period has expired, countdown, countup, time display, clip and stand, instructions in 3 languages, supplied with 1 battery AAA 1.5 VAC	1

Glass Viscometer

Order No.	Type	Qty per unit
08.3009	100 ml with integrated nozzle Ø 2.8 mm, made of DURAN glass	1

Consistometer Bostwick

To measure the consistency, viscosity and flow-out time of liquids by measuring the distance covered by the sample during a certain time.

Specifications:

- Application: Food industry
- Volume of sample: 75 ml
- Dimensions: 35 x 9 x 13 cm
- Material: Stainless steel
- Graduation: 0.5 cm

Order No.	Type	Qty per unit
08.3012	Consistometer Bostwick	1

Flow Viscometer

To rapidly compare measurements taken from inhomogeneous samples.
The principle is based on the measurement of capacitive change due to the conductivity of the sample.
The measurement is made on a special cast into the measuring chamber contact point.

Specifications:

- Application: Food industry
- Dimensions: 11.5 x 5.7 x 32.5 cm
- Programmable measuring times: 7.5, 15 or 30 sec

Order No.	Type	Qty per unit
08.3013	Viscometer Polyvisc	1

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Effect of Homogenization

Order No.	Type	Qty per unit
08.4000	Homogenization tube, ring marks at 5 and 30 ml, with a stopper (08.40001), suitable for Gerber centrifuges	1
08.40001	Spare rubber stopper	1

08.4000

Determination of the Solubility Index

Centrifuge Tube Gerber for Solubility Test

Matching centrifuge: see on p. 22
Matching universal rotor: 03.3300 (see on p. 23)
Matching insert Gerber: 03.1630 (see on p. 23)

Order No.	Type	Qty per unit
09.0010	0 to 50 ml graduated, Ø 24 x 190 mm, made of DURAN glass	1

Centrifuge Tube ADPI for Solubility Test (former ADMI)

Matching centrifuge: see p. 22
Matching universal rotor: 03.3300 (see on p. 23)
Matching insert ADPI: 03.1631 (see on p. 23)

Order No.	Type	Qty per unit
09.0011	0 to 20 to 50 ml graduated, Ø 30 x 135 mm, made of DURAN glass	1

Accessories for Solubility Test

Order No.	Type	Qty per unit
09.0020	Siphon fitting for centrifuge tube Gerber, with suction tube and stopper	1
09.0021	Siphon fitting for centrifuge tube ADPI, with suction tube and stopper	1

Consumables for Solubility Test

Order No.	Type	Qty per unit
60.1055-100	Antifoaming agent, 100 g	1
60.1055	Antifoaming agent, 1 kg	1

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Solumixer

To determine the solubility of various powders.
Complies with the test specifications of ADPI and DLG.
Stirring blades made of stainless steel.
Complete with a blender glass.

09.0040

Order No.	Type	Qty per unit
09.0040-230CH	Solumixer Universal 230 VAC/50 Hz with Swiss power plug digital display, one fixed program (3600 rpm, 90 sec) for solubility and variable programming for general use (1800-3600 rpm, timer 1 - 9 min)	1
09.0040-230CEE	Solumixer Universal 230 VAC/50 Hz with Schuko power plug digital display, one fixed program (3600 rpm, 90 sec) for solubility and variable programming for general use (1800-3600 rpm, timer 1 - 9 min)	1
09.0040-115	Solumixer Universal 115 VAC/60 Hz with US power plug digital display, one fixed program (3600 rpm, 90 sec) for solubility and variable programming for general use (1800-3600 rpm, timer 1 - 9 min)	1
09.0041-230	Solumixer Standard 230 VAC/50 Hz, without digital display, with a fixed program (3600 rpm, 90 sec) for solubility	1
09.0041-115	Solumixer Standard 115 VAC/60 Hz without digital display, with a fixed program (3600 rpm, 90 sec) for solubility	1

Accessories for Solumixer

Order No.	Type	Qty per unit
09.0051	Spare blender glass	1
09.0052	Spare stirrer blade	1
09.0053	Spare driving belt	1
09.0056	Spare rocker arm	1

Waring Mixer

Robust and efficient laboratory mixer for food samples.
Blender glass: 1.0 liters
Stand with knife block

Specifications:
Speed : 500 - 2000 rpm
Power: 840 W
Voltage : 230 VAC

Order No.	Type	Qty per unit
35.0100	Waring mixer LB 20 EG complete with blender glass	1
35.0122	Spare blender glass	1

Purity Degree

Sieve for Test Filter

Included in the delivery:
- 09.00602 Sieve with 1.0 mm mesh
- 09.00601 Reduction piece

Order No.	Type	Qty per unit
09.0060	Sieve for test filters for reconstituted milk, Ø 100/92 mm	1

Viewing Stand for Test Slides

Order No.	Type	Qty per unit
09.0061	Viewing stand for reconstituted milk dimensions (WxDxH): 300 x 50 x 80 mm	1

Filtering Funnel for Milk Powder Samples

Made of stainless steel, funnel volume 500 ml.
Following faucet creates a vacuum, thereby accelerating the filtration.

Included in the delivery:
- 09.0103OZ Filtering funnel
- 09.01030 Sieve Ø 28 mm
- 09.01031 Joint to filtration funnel
- Water jet pump
- PVC hose Ø 10/14 mm

(This filtering funnel is also suitable for soil samples, see on p. 57)

Order No.	Type	Qty per unit
09.0103	Filtering funnel complete	1

Accessories and Consumables for Purity Degree

Order No.	Type	Qty per unit
09.01030	Spare sieve for filtering funnel, Ø 28 mm	1
09.0100	ADPI comparison chart for scorched particles	1
09.0110	Sediment test filter cards for determination of scorched particles in milk powder acc. to ADPI	500
09.0111	Sediment test round filters Ø 32 mm, mass per unit area 110 g/m^2	1000

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Determination of the Jolted Specific Weight

Jolting Volumeter STAV II

To determine of jolted volume according to ISO, ASTM and DIN standards.

Included in the delivery:
- Jolting volumeter STAV II
- Graduated measuring cylinder 250 ml, made of glass

Order No.	Type	Qty per unit
09.0200	Jolting volumeter STAV II complete, 230 VAC/50 Hz	1
09.0200-115	Jolting volumeter STAV II complete, 115 VAC/60 Hz	1

Accessories for STAV II

Order No.	Type	Qty per unit
09.0201	Spare glass cylinder 250 ml, length 330 mm	1
09.0202	Acrylic glass cover incl. frame for noise damping hood	1
09.0203	Preselection counter	1
09.0210	Noise damping hood KU H550 for measuring cylinder 10 to 250 ml	1

Jolting Volumeter Gerber

To determine of specific weight of a jolted sample.
Automatic apparatus with up to 100 strokes in 30 sec.

Included in the delivery:
- 09.0220 Jolting volumeter
- 09.02201 Cylinder, 500 ml, made of stainless steel
- Country-specific power cord

Order No.	Type	Qty per unit
09.0220	Jolting volumeter Gerber complete, 230 VAC/50 Hz	1
09.0221	Jolting volumeter Gerber complete, 115 VAC/60 Hz	1

Determination of Miscibility and Clumping

Mixer for the Determination of Miscibility and Clumping

To mix powders and liquids.

3 fixed programs:
- Program 1: Speed 50 rpm, time 180 sec
- Program 2: Speed 60 rpm, time 30 sec
- Program 3: Speed 60 rpm, time 15 sec

1 variable program:
- Speed 40 to 80 rpm, time 15 to 300 sec

Specifications:
- Digital display
- Indicator when changing from fixed to variable program
- Low-noise revolve
- Power:100 W
- Voltage: 230 VAC/50 Hz

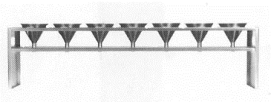
Order No.	Type	Qty per unit
09.0300	Mixer with drum and holder without sample tube	1

09.0301+09.0303

Accessories for Mixer for the Determination of Miscibility

Order No.	Type	Qty per unit
09.0301	Tripod for sample tube (09.0303), made of PVC	1
09.0302	Funnel, made of stainless steel, Ø 120/36 x 185/110 mm	1
09.0303	Sample tube, Ø 52 x 245 mm, RN 45/40	1
9.230145	Stopper, hexagonal, RN 45/40, PE, without drillings	1

Determination of Flowability of Powders



Flowability Funnels

Order No.	Type	Qty per unit
09.0400	Funnel battery made of stainless steel dimensions (WxDxH): 80 x 20 x 20 cm, with 7 funnels Ø 9 cm apertures Ø : 2.5, 3.0, 3.5, 4.0, 4.5 and 5.0 mm	1

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Determination of Wettability of Powders

Funnel Battery

For standard measurement of the time, that the powder needs, to absorb deionized water.

Order No.	Type	Qty per unit
09.0450	Funnel battery made of stainless steel dimensions (WxDxH): 50 x 10 x 15.5/20 cm, with 4 funnels Ø 5 cm	1
09.0451	Powder dosing cup with scraper	1

Determining the Angle of Repose of Powders and Granulates

Pourability Tester

Order No.	Type	Qty per unit
09.0460	Standard version according to DIN/ISO 4324 Included in the delivery: - 09.0462 Pourability Tester - 09.04600 Funnel with outlet Ø 10 mm - 09.04601 Acrylic glass pane Ø 100 x 25 mm	1
09.0461	Modified version for milk powders with high fat content Included in the delivery: - 09.0462 Pourability Tester - 09.04610 Funnel with outlet Ø 12 mm - 09.04611 Acrylic glass pane Ø 100 x 15 mm	1

Determination of Color

V-Samples Scraper

Order No.	Type	Qty per unit
09.8135	V-samples scraper, small model Included in the delivery: - 09.81350 V-samples scraper, small - 09.8136 Sample cup black Ø 90 mm - Laboratory dish (WxDxH) 310 x 370 x 75 mm	1
09.8138	V-samples scraper, large model Included in the delivery: - 09.81380 V-samples scraper, large - 09.8139 Sample cup black Ø 142 mm - Laboratory dish (WxDxH) 310 x 370 x 75 mm	1

Whipped Cream Tester CT II

Measures the whipping time it takes the cream to produce its highest resistance and the corresponding maximum current consumption of the motor.

A cream sample is whipped under exactly defined conditions:
- Standardized cup for 100 ml cream
- Standardized whipping paddles
- Constant speed
- Temperature control 5 °C (by filling the cooling mantle with ice or using external cooling device).

As the stiffness of the cream increases when whipping, the resistance of the motor powering the paddles increases proportionally. Timing runs simultaneously. At the point of highest resistance the instrument stops automatically and blocks the reading of:
- Time of analysis in seconds
- Highest power consumption of the motor in mA
- Sample temperature

According to DLG and the Swiss manual for foods.

Order No.	Type	Qty per unit
09.1000	Whipped cream tester CT II incl. acrylic glass hood, 230 VAC/50 Hz	1

Accessories for CT II

Order No.	Type	Qty per unit
09.100052	Sample cups with cams	1
09.1010	Cooling cup to CT II to connection to external cooling device	1
09.2010	Forming plate to produce a 6 x 6 cm cream cube for testing decantation caracteristics	1
09.2011	Decantation sieve acc. to DIN to determine the deposed amount of liquid, dimensions: 10 x 10 cm	1
09.2020	Ruler for CT II to measure the increase in volume of whipped cream in the sample cup of the CT II, Scale 100 to 250 ml (0 to 150 % increase in volume)	1

Plunger FT I

Measures the time it takes a plunger of 30 g and an additional weight of 80 g to penetrate 3 cm into the whipped cream.

Included in the delivery:
- 09.12000 Stamp (stick and holder)
- 09.11002 Immersion stamp FT I
- 09.11004 Weight 80 g
- 09.100052 Sample cups with cams
- Tripod plate
- Tripod rod

Suitable stopwatches see on p. 69

Order No.	Type	Qty per unit
09.1200	Mechanical plunger FT I	1

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Cheese and Dairy Thermometer

Normal glass, opal glass scale, wide and good readable optima capillary, division: 1 °C.

Order No.	Type	Qty per unit
10.0000	Measuring range: 0 to +100 °C, blue mercury filling, Ø 23 x 350 mm	1
10.0001	Measuring range: 0 to +100 °C, blue mercury filling, Ø 23 x 350 mm, officially calibrated	1
10.0002	Measuring range: 0 to +100 °C, red alcohol filling, Ø 23 x 350 mm	1
10.0003	Measuring range: 0 to 80 °R, blue mercury filling, Ø 23 x 350 mm	1

Protection Cage for Thermometer

Order No.	Type	Qty per unit
10.0010	Made of stainless steel with loop for cheese and dairy thermometers	1

Polygard Thermometer

Precision dairy thermometer (with manufacturer‘s certificate) in protection cage.
The Polygard cage holds glass splitters and mercury residues in case of glass breaks. The hygienic, rustfree and shock-proof cage protects the thermometer at 100%, without affecting the good quality of a glass thermometer, such as fast display, precision and reliability.

Order No.	Type	Qty per unit
10.0020G	Measuring range: 0 to +100 °C	1
10.0021G	Measuring range: 0 to 80 °R	1

Dairy Thermometer

Order No.	Type	Qty per unit
10.0060	Floating thermometer, -10 to 110 °C, alloy ballast, dimensions: approx. Ø 10 x 260 mm, paper scale	1
10.0061	Floating thermometer, 20 to 230 °F, alloy ballast, dimensions: approx. Ø 10 x 260 mm, paper scale	1

Chemical Thermometer

Enclosed scale type, with loop, Ø approx. 7-8 mm, prismatic measuring capillary, division: 1 °C.

Order No.	Type	Qty per unit
10.1105	Measuring range: -35 to +50 °C, red special filling, length: 200 mm	1
10.1110	Measuring range: -10 to +100 °C, red special filling, length: 260 mm	1
10.1115	Measuring range: -10 to +150 °C, red special filling, length: 260 mm	1
10.1125	Measuring range: -10 to +250 °C, blue special filling, length: 300 mm	1

General Purpose Thermometer

Enclosed scale type, with loop, Ø approx. 7-8 mm, prismatic measuring capillary, luminous blue, mercury filling, division: 1 °C.

Order No.	Type	Qty per unit
9.235303	Measuring range: -35 to +50 °C	1
9.235305	Measuring range: -10 to +50 °C	1
9.235310	Measuring range: -10 to +100 °C	1
9.235315	Measuring range: -10 to +150 °C	1
9.235320	Measuring range: -10 to +200 °C	1
9.235325	Measuring range: -10 to +250 °C	1
9.235336	Measuring range: -10 to +360 °C	1
9.235342	Measuring range: -10 to +420 °C	1

Maximum Thermometer for Swinging

Enclosed scale type, Ø 7-8 mm, prismatic measuring capillary, luminous blue, mercury filled, division: 1 °C.

Order No.	Type	Qty per unit
9.235910	Measuring range: -10 to +100 °C, length: 260 mm	1
9.235915	Measuring range: -10 to +150 °C, length: 260 mm	1
9.235925	Measuring range: -10 to +250 °C, length: 300 mm	1

9.235405

Laboratory Thermometer

Enclosed scale type, Ø approx. 8-9 mm, Richter seal with button
Mercury filling: Prismatic measuring capillary, luminous blue
Red filling: Uncoated capillary, total immersion

Order No.	Type	Qty per unit
9.235405	Measuring range: -5/0 to +50 °C: 0.5, mercury filling, length: 220 mm	1
9.235410	Measuring range: -5/0 to +100 °C: 0.5, mercury filling, length: 270 mm	1
9.235495	Measuring range: -10/0 to +50 °C: 0.5, red filling, length: 220 mm	1
9.235496	Measuring range: -10/0 to +100 °C: 0.5, red filling, length: 270 mm	1
6.077879	Measuring range: -5/0 to +100 °C: 0.2, mercury filling, length: 420 mm	1

Pocket Thermometer

Fig. similar

Enclosed scale type, with nickel-plated, double plug collar, approx. Ø 11.5 x 140 mm, with clip, prismatic measuring capillary, uncoated , division: 1 °C.

Order No.	Type	Qty per unit
10.1205	Measuring range: -40 to +50 °C, red filling	1
10.1207	Spare thermometer, measuring range: -40 to +50 °C, red filling	1
10.1211	Measuring range: -20 to +120 °C, mercury filling	1
10.1212	Measuring range: -20 to +120 °C, blue filling	1

Plastic Thermometer

Cardboard scale, blue alcohol filling, division: 1 °C.

Order No.	Type	Qty per unit
10.1220	Measuring range: -20 to +50 °C	1
10.1221	Measuring range: 0 to +70 °C	1

Universal Thermometer

In hygienic plastic case resistant to heat and shocks, red filling, length: 280 mm.

Order No.	Type	Qty per unit
10.1231	Measuring range: -10 to +100 °C	1
10.1233	Spare thermometer, measuring range: -10 to +100 °C	1

Test Certificate for Thermometers

Order No.	Type	Qty per unit
10.2000	Test certificate Gerber Instruments for thermometers	1

Temp 7 - Portable Thermometer for NTC Probes

Ergonomic and rugged handheld instrument with additional protective casing, protection: IP 57, large display, NTC connection for temperature probe, 3 x 1.5 V batteries (AA).

Functions:
- Measuring range: -50 °C to +150 °C
- Division: 0.1 °C
- Accuracy: ± 0.2 °C
- Display of the MIN/MAX values
- Measurement stability indicator
- Memory
- Auto-Power-Off
- Display of battery level, error messages
- Certifiable by National Metrology Centre (EU)

Included in the delivery:
- Temperarature meter
- With/without probe
- Carrying case

Order No.	Type	Qty per unit
30GI.501000	Temp 7, electronic thermometer without probe	1
30GI.501010	Temp 7, electronic thermometer with probe NT7L	1
30GI.501020	Temp 7, electronic thermometer with penetration probe NT7P	1

Accessories and Consumables for Temp 7 NTC

Order No.	Type	Qty per unit
30GI.507010	Temperature probe NT7L	1
30GI.507011	Temperature penetration probe NT7P	1
30GI.509090	Calibration certificate by an accredited laboratory, 3-point calibration 0 to +100 °C (according to customer specification)	1
30GI.509095	Test certificate Gerber Instruments for Temp 7 and Temp 70	1

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Temp 70 - Portable Thermometer for RTD Probes

Ergonomic and rugged handheld instrument with additional protective casing, protection: IP 57, large backlit display, RTD connection for temperature probe, 3 x 1.5 V batteries (AA).

Functions:
- Measuring range: -99.99 °C to +99.99 °C, division 0.01 °C
- Measuring range: -200 °C to +999.9 °C, division 0.1 °C
- Accuracy: ± 0.03 °C
- Datalogger for 1000 temperature values, manual or automatic, intervall 1 min to 99 h
- One point calibration (with date and time)
- Display of the MIN/MAX values
- Measurement stability indicator
- Stability criteria of measurement: low-med-high
- Date and time on display
- Memory
- Auto-Power-Off
- Display of battery level/error messages
- USB port for connection with computer
- Software for data transfer
- Certifiable by National Metrology Centre (EU)

Included in the delivery:
- Temperarature meter
- Software, power supply, USB cable
- Carrying case

Order No.	Type	Qty per unit
30GI.502000	Temp 70, electronic thermometer without probe, with datalogger	1

Accessories and Consumables for Temp 70 RTD

Order No.	Type	Qty per unit
30GI.507020	Temperature probe PT56L	1
30GI.507021	Temperature penetration probe PT56P	1
30GI.509090	Calibration certificate by an accredited laboratory, 3-point calibration 0 to +100 °C (according to customer specification)	1
30GI.509095	Test certificate Gerber Instruments for Temp 7 and Temp 70	1

More probes on request

Polymeter

Order No.	Type	Qty per unit
10.7118	Precision thermometer and hygrometer Instruments in metal housing with Ø 103 mm, for wall mounting Measuring range: - Rel. humidity: 0 to 100 % - Temperature: -35 to +50 °C	1

9.726964

Thermohygrometer

Order No.	Type	Qty per unit
9.726403	Thermohygrometer, synthetic hair, case with brass hanging ring Measuring range: - Rel. humidity: 0 to 100 % - Temperature: -15 to +55 °C	1
9.726964	Thermohygrometer testo 608-H1, display of humidity/dew point and temperature as well as Max/Min values, incl. batteries	1
9.726405	Thermohygrometer TA100, display of humidity/dew point and temperature as well as Max/Min values, incl. batteries and alarm function Measuring range: - Rel. humidity: 1 to 99 % ± 3-5 % - Temperature: -40 to +70 °C ± 1 °C	1

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Handbooks

Order No.	Type	Qty per unit
11.1001	Die praktische Milchprüfung und die Kontrolle von Molkereiprodukten Instructions for the in practice often used analysis methods K. Schneider/H. Roeder, 352 pages, 1979 edition, German	1
11.1002	Tratado Práctico de los Análisis de la leche K. Schneider/M. Arroyo, 230 pages, 1994 edition, Spanish	1

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9.231337	49	9.235925	80
9.231338	49	9.260189	69
9.231339	50	9.262410	69
9.231340	50	9.310122	28
9.231341	50	9.310125	28
9.231342	50	9.310130	28
9.231345	48	9.318052	39
9.231347	48	9.318053	39
9.231369	49	9.318068	39
9.231372	49	9.404001	46
9.231374	49	9.411449	43
9.231375	49	9.411501	43
9.231377	49	9.411521	46
9.231379	50	9.411527	46
9.231381	50	9.726403	84
9.231385	50	9.726405	84
9.231388	50	9.726964	84
9.231403	48	9.901452	32
9.231413	48	9.901453	32
9.231421	49	9.947150	54
9.231422	49		
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9.231429	50		
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9.231443	49		
9.231444	49		
9.231445	49		

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