



Basic Pneumatic Trainer (Table top)



Advance Pneumatic Trainer

Pneumatic Trainers are very versatile self - contained training packages available to perform various experiments in Pneumatics & Electro-Pneumatics. They are designed for fail - safe operation and ease of learning and helps in meeting the requirements of providing practical "Hands ON" training. Ergonomically designed, sophisticated, indigenous, new generation pneumatic teaching aid, specially developed to impart the best practical training in basic / advanced / electro pneumatics. It can be used as a Live Demonstrator to show functioning of various pneumatic / electro pneumatic components and control circuits. Various models are available for different levels of learning. All the components are duly fitted with "One Touch Push In Fittings" for easy fitting of PU tubes which are also provided for fast, easy and leak proof connections. Many experiments can be performed. A detailed and comprehensive instruction manual is provided along with the trainer.



Pneumatic Trainer (Stand alone)



Pneumatic Trainer with PLC & PC (Modular)

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AUTHORISED DEALER

LIST OF COMPONENTS	Basic Pneumatic Trainer (Tabletop)	Pneumatic Trainer (Stand Alone)	Electro Pneumatic Trainer (Stand Alone)	Advance Pneumatic Trainer with PLC & PC (Stand Alone)
◆ Air Filter, Regulator & Lubricator Unit (FRL Unit)	01	01	01	01
◆ Single Acting Cylinder	--	01	01	01
◆ Double Acting Cylinder	01	01	--	01 + 01T
◆ Double Acting Cylinder (with Reed Switch)	--	--	01	01
◆ Pressure Manifold with Four ON / OFF Valve for Multiple Connection	01	01	01	01
◆ 3/2 Way Hand Slide Operated Valve	--	--	01	01
◆ 3/2 Way Disc Rotary Operated Valve	--	01	01	01 + 01T
◆ 3/2 Way Hand Lever Operated Valve	--	--	01	01
◆ 3/2 Way Mushroom Button Operated Valve	--	--	01	01
◆ 3/2 Way Palm Operated Valve	--	01	01	01 + 01T
◆ 3/2 Way Roller Lever Operated Valve	--	01	01	01 + 01T
◆ 5/2 Way Roller Lever Operated Valve	01	--	--	--
◆ 5/2 Way Foot Operated Valve	--	--	01	01
◆ 5/2 Way Hand Lever Operated Valve	--	--	--	01
◆ 5/2 Way Push Button Operated Valve	01	01	01	01 + 01T
◆ 5/2 Way Single Solenoid Operated Valve	--	01	01	01
◆ 5/2 Way Double Solenoid Operated Valve	--	01	01	01
◆ 5/2 Way Single Pilot Spring Return Valve	01	01	01	01
◆ 5/2 Way Double Pilot Operated Valve	--	01	01	01 + 01T
◆ 5/2 Way Roller Operated Valve	--	01	01	01
◆ 5/3 Way Hand Lever Operated Valve	01	01	01	01 + 01T
◆ Flow Control Valve	01	01	01	01
◆ Moisture Separator / Filter	--	--	--	01
◆ Dual Pressure "AND" Valve	--	--	01	01
◆ "OR" Function Shuttle Valve	--	--	01	01
◆ Pressure Gauge (ϕ 100mm)	01	01	01	01
◆ Pneumatic Operated Time Delay Valve	--	--	--	01
◆ Pressure Regulator with Gauge	--	--	--	01
◆ Pressure Switch	--	--	--	01
◆ Vacuum Suction Generator	--	--	01	01
◆ Quick Exhaust Valve	01	01	01	01 + 01T
◆ Silencer	--	01	01	02
◆ Pneumatic Tool	--	--	--	01
◆ Tee - Piece with Fitting for Tubing	--	--	01	01
◆ PU Tubing (in Meters)	08	10	10	15
◆ Detailed Instruction Manual	01	01	01	01
<u>ELECTRICAL DEVICES :</u>				
◆ Emergency Stop	--	--	01	01
◆ Buzzer	--	--	--	01
◆ Electrical Indicators (5 independent indicators)	--	--	01	01
◆ Electrical Limit Switch	--	--	01	01
◆ ON / OFF Switches (02 switches)	--	--	01	01
◆ Push Button Switches (03 push buttons)	--	--	--	01
◆ Electro Magnetic Relays (02 independent 1CO)	--	--	01	01
◆ Proximity Sensor Optical Type	--	--	--	01
◆ Proximity Sensor Inductive Type	--	--	01	01
◆ Proximity Sensor Capacitive Type	--	--	--	01
◆ Time Delay Control	--	--	01	01
◆ DC Power Supply (24V)	--	--	01	01
◆ Electrical Matrix Board	--	--	--	01
◆ Cable Set (10 Stackable Patch Cords) (assorted colours)	--	--	01	02
<u>ELECTRONIC HARDWARE</u>				
◆ PLC & Ladder Diagram Software	--	--	--	01
◆ Basic Computer System for Ladder Diagram	--	--	--	01
<u>WORK AREA (Panel)</u>				
◆ Component Mounting	Fixed	Fixed	Fixed	Fixed + Modular
◆ Type	Table Top	Stand Alone	Stand Alone	Stand Alone
◆ Panel Size (in mm approx)	760 x 455 (30"x18")	910 x 605 (36" x 24")	1065 x 760 (42" x 30")	1215 x 910 (48" x 36")
<u>AIR COMPRESSOR (required for above)</u>	Optional	Optional	Optional	Optional

NOTE :

All Components are fitted with PU fittings for tool free & quick connections

01T = One Transparent Component