



52070B Electro Pneumatic Trainer is a very versatile self - contained training package for the teachers and students in advanced pneumatics. It is designed for fail safe operation and ease of learning. Advanced Pneumatic Trainer meets the requirements of providing practical "HANDS ON" training and can be used both as an experimental kit and as a demonstrator. Various basic / advanced pneumatic circuits can be built easily due to special design of the trainer. The commonly used industrial pneumatic components and some electro - pneumatic components are provided for preparing various pneumatic circuits. Many experiments can be performed. A detailed and comprehensive instruction manual is provided along with the trainer

Components

- Air Filter, Isolating Valve, Regulator & Lubricator Unit (FRL Unit)01 No
- Pressure Manifold with Four ON / OFF Valves for multiple connections01 No
- Single Acting Cylinder -----01 No
- Double Acting Cylinder -----02 No
- 2/2 Way Direct Acting Solenoid Valve -----01No
- 5/2 Way Double Solenoid Valve -----01 No
- Bistable Solenoid Valve-----01 No
- Monostable Solenoid Valve-----01 No
- 5/2 Way Roller Valve -----01 No
- Electro Magnetic Relay (01 Unit) -----02 No
- ON/ OFF Switch (01 Unit) -----02 No
- Push Button Switch (01 Unit)-----03 No
- Pressure Gauge with Tee - Piece-----01 No
- Pressure Regulator with Gauge -----01 No
- PU Tubings-----10 mt
- Proximity Sensor (inductive)-----01 No
- 24V DC Regulated Power Supply -----01 No
- Detailed Instruction Manual-----01 No

The Advance Hydraulic Trainer consists of

Hydraulic Power - Pack:

- Pump : 3 LPM
- Pressure : 20 bar
- Motor : 1/2 or 1HP, 3ø foot /flange motor
- Oil Tank : 20 litre capacity (oil to be provided by the purchaser)
- Suction Filter

Note: Specifications are subject to change.

- Pressure Gauge
- Oil Level Indicator
- Pressure Relief Valve

Components

- Single Acting Cylinder : 40 mm x 75mm -----01 No
- Double Acting Cylinder 40mm x 100mm-----01 No
- 4/3 Way Directional Control Valve -----02 No
- 4/3 Way Solenoid Valve -----01 No
- Pressure Gauge 100 mm -----02 No
- Pressure Relief Valve -----01 No
- Pressure Switch -----01 No
- Electro Magnetic Relay -----02 No
- Electrical Limit Switch -----02 No
- Hydraulic Hoses with Quick Couplers-----4 No
- Push Button ----- 03 No
- Proximity Sensor (Inductive) -----02 No
- 24V DC Regulated Power Supply -----01 No

Accessories:

- Set of Shrouded Cables
- Set of Manuals with Experiments.
- Demo CD showing Experiments

Optional Accessories:

- Working Table -----01 No
- Multimeter-----01 No
- Tool Kit-----01 No
- 2/2 Way Direct Acting Solenoid Valve -----01 No
- 3/2 Way Disc Rotary Valve -----01 No
- 3/2 Way Hand Lever Valve -----01 No
- 3/2 Way Mushroom Button Operated Spring Return Valve -----01 No
- 3/2 Way Palm Operated Valve -----01 No
- 3/2 Way Pilot Operated Valve -----01 No
- 3/2 Way Roller Lever Valve -----01 No
- 5/2 Way Double Pilot Valve -----01 No
- 5/2 Way Foot Operated Valve -----01 No
- 5/2 Way Hand Lever Valve -----01 No
- 5/2 Way Push Button Valve-----01 No
- 5/2 Way Single Pilot Spring Return Valve -----01 No
- 5/2 Way Single Solenoid Valve -----01 No
- 5/3 Way Hand Lever Valve -----01 No
- Dual Pressure AND Valve -----01 No
- "OR" Function Shuttle Valve-----01 No
- Pneumatic Operated Time Delay Valve -----01 No
- Silencer-----01 No
- Time Delay Control -----01 No

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