

KCL-20B ELECTRO PNEUMATIC TRAINER



KCL-20B 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 connections - 01 No
- Single Acting Cylinder - 01 No
- Double Acting Cylinder - 02 No
- 2/2 Way Direct Acting Solenoid Valve - 01 No
- 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
- Pressure Gauge
- Oil Level Indicator
- Pressure Relief Valve

COMPONENTS

- Single Acting Cylinder : 40 mm x 75mm - 01 No
- Double Acting Cylinder 40mm x100mm – 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 (KWT-01)...1 No
- Tool Kit... 1 No
- 4/2 Way Solenoid Valve - 01 No
- Check Valve - 01 No
- Diaphragm Accumulator - 01 No
- Flow Control Valve - 01 No
- Hydraulic Motor - 01 No
- Manifold
 - a. Pressure Line Manifold - 01 No
 - b. Return Line Manifold - 01 No
- Needle Valve - 01 No
- PO Check Valve - 01 No
- Pressure Reducing Valve - 01 No
- Shut off Valve - 01 No
- Sequence Valve - 01 No
- Branch Tee - 02 No
- Loading Weight (15 Kg approx) - 01 No
- Measuring Flask (2 liters) - 01 No
- Pulley Arrangement (suitable to load) - 01 No

Note : Specifications & Photos can be altered without notice in our constant efforts for improvement.