

# ADVANCE ELECTRO PNEUMATIC TRAINER SYSTEM



## Technical Specification

- Manifold 4 Port 1/8" BSP Female
- Plastic Silencer 1/8" BSP Female Spares
- Mini Lubroet with Pressure Gauge female
- Pressure Gauge 40 MM dial Male Connector 1/8"X8mm
- 5/2 way internal Pilot operated spool single solenoid valve 1/8" BSP Female
- 5/2 way internal Pilot operated spool single valve 1/8" BSP Female
- 5/3 way internal Pilot operated spool type double valve 1/8" BSP Female
- 5/3 way internal Pilot operated spool type double solenoid valve 1/8" BSP Female
- 3/2 way internal pilot operated spool type solenoid valve 1/8" BSP Female
- 5/3 way internal hand lever operated type double valve 1/8" BSP Female
- Limit switches for operation detection
- Dead plug sockets for blocking the air flow when not required.
- Swivel flow control valve
- Single Acting Pneumatic Cylinder
- Double Acting Pneumatic Cylinder
- Pneumatic Motor
- PU Tube 6mm ID X 8 mm OD
- 1/8" BSP Female Socket
- Micrologix PLC (6Input + 4 Output ) with power supply & Relay Card
- Suitable Air Compressor to run the basic Experimentation
- Frame with Display on GRAPHICAL LCD.

## Experiments

- Control Of the Pneumatic Valves Using Switches.
- Control Of the Pneumatic Valves using PLC.
- Control Of the Pneumatic Valves in Repetitive Interval Of the Time.
- Study Of the Different Types Of The Pneumatic Valves And their Control using Manually as well as Electronically.
- Study of single acting and double acting cylinder



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