

Hydraulic Trainer



Pneumatic Trainer



Features

- Mobile and self-contained unit, only electrical connections are required.
- Simplicity of operation and designed for amateur use.
- Built in safety valve is fitted.
- Modern Industrial components from reputed manufacturers are used
- Realistic Industrial circuits are demonstrated.
- Special fixture used for pipe bending and ferrule fitting arrangement.
- System is flushed with very high velocity (4 times the working) by separate oil which maintains class cleanliness of system.
- All valves, cylinder are tested at 150% working pressure.
- Cylinder from precision honed tube, hardened ground, hard chrome plated piston rod and imported quality seals.
- Flow measurement is possible in different lines.
- Training of Trainers offered at regular intervals.
- Potential free contacts for limit switches

Hydraulic Trainer & Pneumatic Trainer Specifications

Components	Basic	Electro Hydraulic	PLC Based Hydraulic
Trolley with frame & caster wheels	1	1	1
Hydraulic Tank with Filter & Breather	1	1	1
3 Phase Foot & Flange mounted Electric Motor	1	1	1
Bell Housing	1	1	1
Flexible coupling	1	1	1
Pressure Gauges	2	3	3
Gear Pump	1	1	1
Relief Valve	1	1	1
4/3 way Direction control valve	1	1	1
Valve mounting plate	1	1	1
Throttle valve	1	1	1
Pressure compensated Flow control valve			
Check valve	1	1	1
Single Acting cylinder	1	1	
Double Acting cylinder	1	2	2
4/2 way Direction control valve	1	1	1
Pilot operated check valve	NA	1	1
Sequence valve	1	1	1
Pressure Reducing valve	1	1	1
Flow meter	NA	1	1
Pressure switch	NA	1	1
4/3 way Double Solenoid operated Direction control valve	NA	1	2
4/2 way Single solenoid operated Direction control valve	NA	1	2
Limit Switches	NA	2	2
Proximity sensor	NA	2	2
Electro Hydraulic controller	NA	1	1
Hydraulic High Set	6	14	1
Pressure Hoses			
PLC (SIEMENS/ DELTA)	NA	NA	1

Components	Basic	Electro Pneumatic	PLC Based Pneumatic
Trolley with Caster wheels	1	1	1
Quick Push-Pull connection	12	30	1 set
High Pressure Tubing (PU6)	5m	9m	12m
5/2 way lever operated valve	1	1	1
5/3 way Lever operated DC valve	1	2	2
Pressure Gauge 4" Dial	1	1	1
5/2 way Single Pilot operated Direction control valve	1	1	1
5/2 way Double pilot operated Direction control valve	1	1	1
AND Gate valve	1	1	1
OR Gate valve	1	1	1
Time delay valve	NA	1	1
Quick exhaust valve	1	1	1
One way flow control valve	2	2	2
Single acting cylinder	1	1	1
Double acting cylinder	1	2	2
FRL unit	1	1	1
Manifold	1	1	1
Connecting plates	1 set	1 set	1 set
Pneumatic motor	NA	1	1
Vacuum generator	NA	1	1
Proximity sensor (Inductive)	NA	1	1
Limit switch (Electrical)	NA	2	2
5/2 way single solenoid operated direction control valve	NA	2	2
5/2 way Double solenoid operated direction control valve	NA	2	2
Electronic panel	NA	1	1
PLC (ALLEN BRADLEY / SIEMENS / DELTA)			