

- ❖ Pressure Gauge: - 0-7 Kg/cm², connection ½' BSP, Dial Size: 100 mm.
- ❖ Pneumatic Motor: - Uni- Directional, Free Speed: 22,000 RPM,
Air pressure: 0-90 psi,
- ❖ Air Compressor: - Tank capacity: 25 Litres, Discharge: 2 CFM
(Optional) Motor: 2 H.P. 230 V AC Operated, Working pressure: 5-6 kg/cm²
- ❖ Relay Module: - 24V DC supply, 2 NO/NC contacts, panel mounting
(4 no.) type.

Features: -

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Leak proof Safety Measures, sturdy piping & Robust Construction.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals mimic Charts for Operation Ease.
- ❖ M.S. powder coated cubical plant with standard Instrument Assemblies.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Relay board logic circuit operation.

System Specifications:

Double acting cylinder, 3/2 solenoid valve, single acting cylinder with flow restrictors, Double Pilot operating 5/2 valve, Single solenoid operating 5/2 valve, 5/2 Hand Lever Valve, Pneumatic limit switch (plunger & roller operated), Push-button 3/2 valves (monostable), 3/2 Roller Lever Valve, Pneumatic indicators, Air supply manifold, Pneumatic motor, AFR Unit, Profile Plate, Flow Control Valve, Quick Exhaust Valve, T-Connectors, Shuttle Valve (OR Gate), Dual Pressure Valve (AND Gate), Hand Slide Valve, Time Delay Valve, Quick Connectors, Mounting Plates.

Range Of Experiments:

- ❖ Study of pneumatic actuator & reciprocating cylinder trainer kit with different Logical Circuits such as OR, AND etc. operations.
- ❖ Study of pneumatic cylinders: single acting, double acting.
- ❖ Study of construction & operation of pneumatic equipments such as 5/2 Solenoid valve, 3/2-way valve, limits switches, pneumatic motor etc.
- ❖ Study of pneumatic control systems.

Service Required:

- ❖ Compressed clean, dry air supply at 7-8 Kg/cm².
- ❖ 230 VAC single phase motor.

Note:

All descriptive matter and illustrations are intended to give only a general idea of the equipment. Detailed specifications may be altered at the company's discretion without any notice.

Manufactured/Marketed By

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