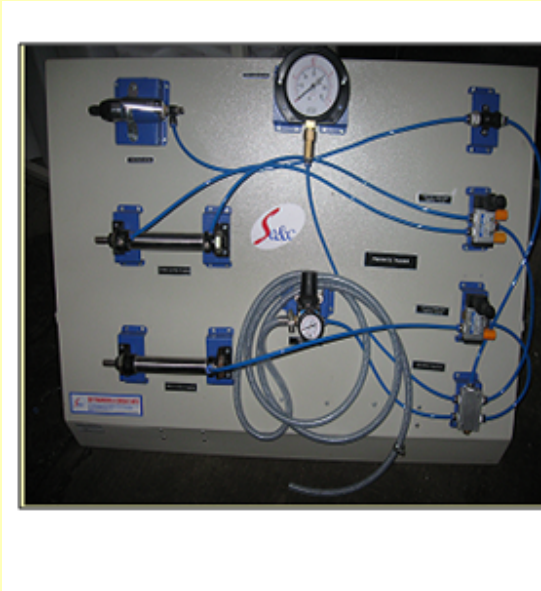


SAP E&C BASIC PNEUMATIC TRAINER.
(SAP 19) / ADVANCED PNEUMATIC TRAINER
(SAP 19A)



The Basic Pneumatic Trainer outlines the principles of Pneumatic control used in Industrial applications. It explains components of Pneumatic control system & their operation.



Basic Pneumatic Trainer (SAP 19)



Advanced Pneumatic Trainer (SAP 19A)

Technical Specifications:

- ❖ Pressure Gauge: - 0-7 Kg/cm², connection 1/2" BSP, Dial Size: 100 mm.
- ❖ Pneumatic Motor: - Uni- Directional, Free Speed: 22,000 RPM, Air pressure: 0-90 psi.
- ❖ Single Acting Cylinder: - Bore: 25 mm × Stroke: 100mm, Mounting: Foot.
- ❖ Double Acting Cylinder: - Bore: 25 mm × Stroke: - 100mm, Mounting: Foot
- ❖ Air pressure Regulator: - 1/4", 0-10 Kg/cm²
- ❖ Hand Lever Operated Valves: 2 Nos, 5/2 way & 3/2 way, 5/3 way (SAP 19A) 1/4" Hand Lever Operated.
- ❖ Solenoid Valve (optional): - 2 Nos, 5/2 way & 3/2 way, 1/4" Solenoid Operated.
- ❖ Pilot Operated Valve (SAP 19A): - 5/3 Spring Centered, 5/2 Spring Returned, 3/2 Pilot Operated.
- ❖ Palm Operated Valve (SAP 19A): - 3/2 way Valve.
- ❖ Push Button Valve (SAP 19A): - 5/2 way Valve.
- ❖ Foot Operated Valve (SAP 19A): - 5/2 way Valve.
- ❖ Roller Lever Valve (SAP 19A): - 5/2 way, 3/2 way Valve.
- ❖ Rotary Disc Valve (SAP 19A): - 4/3 way Valve.
- ❖ Shuttle Valve (SAP 19A): -
- ❖ AND gate Valve (SAP 19A): -
- ❖ Rotameter (SAP 19A) :-
- ❖ Flow Control Valve: - 1/4" (F), Square Body.
- ❖ Non Return Valve: - 1/4" connection
- ❖ Block Manifold: - 1/4", 6 ways.
- ❖ Air Compressor (Optional): - Tank capacity: 30 Liters, Discharge: 2 CFM
 Motor: 1/2 H.P. 230 V AC Operated, Working pressure: 3-4 kg/cm²

For More Details Visit Our Website At: www.sapengineers.com, E-mail:- pravinsdeode@vsnl.net

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Features: -

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ Training Manual, mimic Charts for Operation Ease.
- ❖ System Frame with Caster Wheel Arrangement for ease in movement.
- ❖ M.S. powder coated cubical plant with standard Instrument Mountings.
- ❖ Inbuilt Safety Measures to avoid improper usage.
- ❖ Compressor (optional).

Range Of Experiments:

- ❖ Study of Pneumatic Cylinders: Single Acting, Double Acting.
- ❖ Study of pneumatic control system
- ❖ Study of construction & operation of pneumatic equipments such as 5/2 Way valve, 3/2 Way valve, pneumatic motor, etc.

Services Required:

- ❖ Single-phase electrical supply of 230V 50Hz.
- ❖ Clean, dry, Compressed air supply at 4-5 Kg/cm².

System Dimensions: 2.5 Ft. X 2 Ft. (W) X 2.5 Ft. (H)

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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