

SAP E&C PRESSURE TRANSDUCER MODULE (SAP 58)



The set up gives an idea regarding the Operation of Pressure sensors.



Technical Specification: -

- ❖ Pressure Vessel: -
 - Shape: Cylindrical,
 - Material: CRCC,
 - Diameter: 4 inch,
 - Length: 12 inch,
 - Capacity: 10 Kg/cm², with ½” BSP connection
- ❖ Air Filter Regulator: - 0-10 Kg/cm², with pressure gauge.
- ❖ Bellows Gauge\Diaphragm Gauge: - 0-300 mm Hg/0-2.5 Kg/cm²/ 0-4 Kg/cm²
- ❖ Bourdon Tube Pressure Gauge: -
 - Dial size: 6”, Range 0-4 Kg/cm²
 - Bottom connection: ½” BSP.
- ❖ Air Compressor: -
 - (Optional)
 - Tank capacity: 30 Liters, Discharge: 2 CFM
 - Motor: ½ H.P. 230 V AC Operated, Working pressure: 3-4 kg/cm²

Features: -

- ❖ Compact Ergonomic Design.
- ❖ User Friendly, Self Explanatory Systems.
- ❖ Robust Construction.
- ❖ MS Powder coated frame.
- ❖ Enhanced Electrical Safety Considerations.
- ❖ Training Manuals for Operation Ease.

System Components:

- ❖ Bourdon Gauge, Bellows, Diaphragm Sensors.
- ❖ Pressure Vessel and test points for Pressure.

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Range Of Experiments:

- ❖ Study of pressure sensor and transducer.
- ❖ Auxiliary experiments.

Services Required:

- ❖ Clean, compressed, dry air supply at 4 Kg/cm².
- ❖ 230 VAC 50 Hz Single Phase Supply.

System Dimensions: 1.5 Ft. (L) X 2 Ft. (W) X 2 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.

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