

**SAP E & C PRESSURE TRANSMITTER / TRANSDUCER MODULE**  
(PRODUCT CODE: SAP - 17)



The **Pressure Transmitter / Transducer Module setup (SAP – 17)** gives an idea regarding the operation of Pressure Transducer & Pressure Transmitter.

**PRESSURE TRANSMITTER / TRANSDUCER MODULE (SAP – 17)**

**Technical Specification:-**

No.	Item Name	Technical Specifications
1	Pressure Transmitter-	Input: 0-2.5 Kg/cm <sup>2</sup> / 0-4 Kg/cm <sup>2</sup> , Output: 4-20 mA, Type: 2-wire Piezoresistive type Mounting: Top ½" BSP connection
2	Pressure Vessel-	Shape: Cylindrical, Material: CRCC, Diameter: 6 inch, Length: 12 inch, Capacity: 15 Kg/cm <sup>2</sup> , with ½" BSP connection
3	A.F.R. / F.R.L. Unit-	0-10 Kg/cm <sup>2</sup> , with pressure gauge
4	Current Indicator-	Input: 4-20 mA, 3 ½ digit display, 1ϕ 230 V AC Supply
5	Bellows Gauge-	0-300 mm Hg
6	Diaphragm Gauge-	0-4 Kg/cm <sup>2</sup> / 0-7 Kg/cm <sup>2</sup>
7	Bourdon Tube Pressure Gauge-	Dial size: 4", Range 0-4 / 0-7 Kg/cm <sup>2</sup> Bottom connection: ½" BSP Connection.
8	Air Compressor (Optional)-	Tank capacity: 25 Liters, Discharge: 2 CFM Motor: 2 H.P. 230 V AC Operated, Working pressure: 5-6 kg/cm <sup>2</sup>

**Range of Experiments-**

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

**SAP E & C PRESSURE TRANSMITTER / TRANSDUCER MODULE**  
(PRODUCT CODE: SAP - 17)



**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 Dimensions-** 1.5 Ft. (L) X 2 Ft. (W) X 2 Ft. (H)

**Services Required-**

- ❖ Electric Supply of 1 $\phi$  230 VAC.
- ❖ Clean, compressed, dry air supply at 4 Kg/cm<sup>2</sup>.

**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.

