



The Pressure Transducer Module Setup (52341) gives an idea regarding the Operation of Pressure sensors.

### Features

- Compact Ergonomic Design.
- User Friendly, Self Explanatory Systems.
- Leak proof Safety Measures.
- Enhanced Electrical Safety Considerations.
- Training Manuals for Operation Ease.
- Inbuilt Safety Measures to avoid improper usage.

### Experiments

- Study of pressure sensor and transducer.
- Auxiliary experiments

### Services Required

- Electric Supply of 1 $\phi$  230 VAC, 50Hz
- Clean, compressed, dry air supply at 4 Kg/cm<sup>2</sup>.

**System Dimensions-** 1.5 Ft. (L) X 0.75 Ft. (W) X 2 Ft. (H)

**Weight: Approx.** 10Kgs

### Technical Specification

No.	Item Name	Technical Specifications
1	Pressure Vessel	Shape: Cylindrical, Material: CRCC, Diameter: 4 inch, Length: 12 inch, Capacity: 10 Kg/cm <sup>2</sup> , with 1/2" BSP connection
2	A.F.R. / F.R.L. Unit	0-10 Kg/cm <sup>2</sup> , with pressure gauge
3	Bellows Gauge / Diaphragm Gauge	0-300 mm Hg/0-2.5 Kg/cm <sup>2</sup> / 0-4 Kg/cm <sup>2</sup>
4	Bourdon Tube Pressure Gauge	Dial size: 6", Range 0-4 Kg/cm <sup>2</sup> Bottom connection: 1/2" BSP Connection.
5	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>

Note: Specifications are subject to change.

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