

**Features:**

- Compact, comprehensive, sturdy design
- Complete set of Pressure Measuring Instruments along with necessary arrangements to study Pressure measurement using different devices.
- Comprehensive teaching package as optional attachments.

Description:

Tesca Pressure Measurement Apparatus is a self-sufficient unit to study the fundamental concept of Pressure Measurement and Various Pressure measurement Devices. The set-up consists of an Air blower supplying pressurized air. Arrangements are made to connect different pressure measuring devices to the Air supply & understand the use of them. The pressure measuring devices include a set of Manometers,

Note: Specifications are subject to change.

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a set of Bourdon type gauges, a Barometer, etc.

System Components:

1. Set of Manometer-
 - U Tube Manometer
 - Single Limb Manometer
 - Inverted Tube Manometer
 - Inclined Tube Manometer
2. Pressure Gauge: 0 - 2 BAR
3. Vacuum Gauge: 0 - 760 mm of Hg
4. Differential Pressure Gauge
5. Venturimeter
6. Barometer
7. Centrifugal Blower

Optional Accessories:

1. Multimedia computer-based training package on pump construction & characteristics.
2. Cut sections of valves & pumps
3. Transparencies & Slides

List Of Experiments:

1. Study of Pressure measuring System.
2. Study of Barometer.
3. Pressure measurement using different Manometers.
4. Pressure measurement using Bourdon type Pressure Gauges.

Operation & Maintenance Manual:

A self-explanatory operating & maintenance manual will be provided. This will include Theory, operating procedure, standard results, and maintenance procedures.

Service Required At Site:

Electric Supply 230V 50Hz. With proper earthing.