

## Pressure Measurement Bench (EDC-HT-002)

### EXPERIMENTAL DATA:

- Precision and determination between U-Tube and Inclined Tube Manometer.
- Study of Manometer Pressure Measurement Methods.
- Study of Pressures Overhead and Under Atmospheric Pressure.



### DESCRIPTION:

Pressure Measurement Bench permits students to examine measurement of the fundamental parameters that are present in every branch of engineering and physics. Apparatus contains U-tube Manometer, Inclined Tube Manometer, Pressure and Vacuum Gauge, pressure sensor with digital indicator, Dead Weight Tester and Compressor (optional).

### SPECIFICATIONS:

- U-tube Manometer.
- Inclined Tube Manometer.
- Pressure Gauge.
- Vacuum Gauge.
- Pressure sensor.

### DIMENSIONS AND WEIGHT:

- L x W x H (mm): 600 X 400 X 600 approx.
- Weight: 40 kg approx.

### SCOPE OF DELIVERY:

- 1 x EDC-HT-002.
- 1 x Instructional Manual.

### TECHNICAL DATA:

- Dead Weight Tester Experiment with Pressure gauge.
  - 0 to 2.5 bar.
- Transparent tubes of U-tube and Inclined Tube Manometer:
  - Height:450mm.
- Pressure Gauge:
  - 0 to 2.5 bar.
- Vacuum Gauge:
  - -1 to 1 bar.
- Pressure Sensor Digital:
  - -1 to 3 bar.
- LCD Display for digital pressure sensor.
- 230V AC 50Hz.

