

ADVANCED PRESSURE MEASUREMENT TRAINER

MODEL: BSP18



FEATURES

- Comprehensive, sturdy design
- Simple, Smooth and silent operation
- Compact and lab model unit

DESCRIPTION

Various types of pressure sensors, transmitter can be studied. A pressure tank is provided pressure measurement.

Any different types of indicators/switches/sensors/transmitters can be installed to suit customer requirement.

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

LIST OF EXPERIMENT

1. Study of U tube Manometer
2. Study of inclined tube manometer
3. Study of Bourden type pressure gauge
4. Study of diaphragm type pressure gauge
5. Study of helical type pressure gauge
6. Absolute pressure gauge
7. Compound pressure gauge
8. Study of Electronic pressure transmitter Optional additional purchase required
9. Study of Pneumatic pressure transmitter Optional additional purchase required
10. Study of Pressure switch Optional additional purchase required

SYSTEM COMPONENTS

1. U Tube manometer
2. Inclined tube manometer
3. Bourden tube pressure gauge (C type), 0-7 kg/cm²
4. Bourden tube pressure gauge (helical type), 0-100 kg/cm²
5. Diaphragm type pressure gauge 0-7 kg/cm²
6. Absolute pressure gauge, 0-7 kg/cm²
7. Compound pressure gauge, -1 to 0 to 7 kg/cm²
8. Pressure relief valve
9. FRL
10. SS Tank
11. Pipes and Fittings and valves
12. Structure

OPTIONAL ADDITIONAL

1. Air compressor
2. Dead weight pressure calibrator
3. Electronic pressure transmitter, Input 0-7 kg/cm², output 4 to 20 mA, power supply, Digital mA indicator
4. Pneumatic pressure transmitter, I/P: 0-7 kg/cm², output: 3-15 psi
5. Pressure switch, 0-7 kg/cm²
6. Tank: 20 liter capacity, 10 kg/ cm² pressure bearing capacity

SERVICES REQUIRED

1. Electric supply

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(1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
(2) Photographs are indicative only.