



Technical Specifications

Application/Test facility:

- A versatile standalone trainer for studying the principle and operation of a piezo-type pressure transducer, featuring an excitation source, solid-state amplifier, digital pressure meter, and a powder-coated metal cabinet with an acrylic front panel.

Product Features:

- Parameter Measured: Pressure (Kg/cm²)
- Measurement System: Transducer with electronic instrumentation.
- Transducer Used: Piezo type pressure transducer with shielded cable and connector.
- Transducer Range: 0 to 5 Kg/cm² or equivalent
- Sensor: Piezo type.
- Excitation Source: 5V DC (Regulated).
- Termination of Transducer: 1/2" D.S.P.
- Amplifier: Solid state precision amplifier.
- Readout: 3.5-digit digital display.
- Controls: Multi-turn potentiometer for zero adjustment.
- Test Points: Multicolored test points are provided at various stages in the circuit to observe the waveforms and voltages.
- Connector: Facility for connecting transducer.
- Power Requirements: 230V, ± 10% AC 50Hz, 1 phase.
- Pressure Built-up Unit: It consists of a foot pump to develop pressure and a chamber with provision to connect the pressure pump and release valve to release the pressure

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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built up in the chamber.

- Foot pump of capacity (max) : 10 Kg or more

Accessories/Spares:

- Connecting Cables and Pressure Application Tube
- Power Adapter / Excitation Supply Unit and Digital Display Module

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