

**Ref. Image****Technical Specification**

- Thermocouple
- RTD
- Load cell
- LVDT
- Smokedetector sensors
- SpeedsensorusingMagnetic Pickup
- Limit Switch
- Photosensors/LDRSensor
- Optocouplor
- ProximitySensor
- GraphicalLCDwithinbuilt processor for viewing the outputWaveforms
- Sensor,LoadCell,LVDTSensor,Speed Sensor (All Application Fitted on Single Board)
- Strain Gauge upto 500 micro strain.

TECHNICALSPECIFICATION:

- LVDT TRANSCUDER
- To study of LVDT as displacement transducer
- Built in A Cexcitation source 2.5 kHz typical
- Linearvariable differential transformerinmetallicstructure
- Micrometerattachment with mechanicaldisplacementsystem
- Displacement range $\pm 3\text{mm}$
- LOAD CELL TRANSCUDER
- To study of Load Cell transducer

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



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- Built-in DC (+12V) excitation source for internal bridge balance
- Load Cell Sensor in metallic structure
- Load measure upto 1.5Kg
- RTD (PT-100) TRANSCUDER
- Study of RTD as temperature measuring transducer
- RTD (PT-100) probe capacity 100°C to 1000°C
- Bridge circuit for transducer
- Differential amplifier with feedback
- Temperature measurement upto -100°C to 1000°C
- THERMO COUPLE TRANSCUDER
- To study of Thermocouple transducer
- Thermocouple Sensor in metallic structure
- Temperature Measurement upto -100°C to 1000°C
- PROXIMITY & MAGNETIC SENSOR
- Study of measurement of proximity & optical transducer
- On-board RPM meter for measurement of speed
- On-board potentiometer for varying speed
- On-board push button to reset the count
- SMOKE DETECTOR SENSOR
- Study of smoke detector
- On-board smoke sensor
- On-board fire alarm

GENERAL SPECIFICATION:

- Sockets at different places for observing / measuring the Signals
- Graphical LCD within built processor for viewing the output waveforms
- Inbuilt DAQ, and standard processing circuits like
- inverting, non-inverting, power, current, instrumentation
- Differential Amplifier.
- 220V, Built-in IC regulated power supply
- Enclosed in an attractive ABS plastic cabinet with cover.
- Detailed instruction manual

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