

Product Name :
Astra Scientific Temperature Measurement Trainer

Product Code :
MeasurementLabs0013



Description :

Astra Scientific Temperature Measurement Trainer

Technical Specification :

The Temperature Measurement Trainer to measure temperature upto 100°C small heating source, and digital indicator is provided to read the temperature

Our company is manufacturing and supplying an extensive range of Temperature Measurement Trainer, that is designed in such a way that it helps understanding in working of temperature transducers like thermocouple, RTD, thermistor and their working principle. Further, our range has a 3 1/2 digit digital LED display of 200mVFS.

FEATURES

- The System comprises of a small water Kettle as a temperature source up to 1000C with Thermocouple, RTD and Thermistor to sense the temperature
- Digital Indicator of 3 1/2 digit is supplied along with the sensor to indicate the temperature in degree centigrade
- The front panel of the instrument is designed in such a way that

the schematic circuit diagram of the temperature indicator is shown

- All test points are brought outside to enable the student to understand the working of the instrument properly
- The system is self-explanatory and all necessary accessories will be supplied along with the kit

SPECIFICATION:

- Combination of RTD, Thermocouple and Thermistor
- Sensors: Thermocouple - Fe-K (J type) R. T. D. - PT-100 Thermistor - 5Kohms (-ve coefficient)
- Temperature: 1000 C.
- Probes: Sensors are housed inside 6mm dia SS tube of 6 lengths
- Temperature Source: A small portable electric kettle in which water can be heated up to boiling temperature
- Source Temperature: A glass thermometer to read up to 1100 C
- Display: 3 1/2 digit digital LED display of 200mVFSD
- Power required for operation

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase



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