Product name:	Product code:
Thermistor Temperature Indicator Training System	CMI-NP-2051



Description

Self contained thermistor based temperature indicator for studying NTC resistance, linearisation and display calibration. Includes sensor probe and water bath. Students build and calibrate a thermistor thermometer and see the non linear resistance temperature curve.

Technical specification

Amplifier	Op-amp based
Supply	+/- 12 V DC
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Thermistor Temperature Indicator Training System is designed for ITI, polytechnic and TVET laboratories. Students build and calibrate a thermistor thermometer and see the non linear resistance temperature curve.

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Features

- NTC thermistor probe
- Linearising circuit
- Op-amp amplifier with calibration
- Digital display in deg C
- Heated water beaker

Technical Specifications

Sensor	NTC 10 kohm at 25 deg C
Range	0-100 deg C
Display	3.5 digit LED
Accuracy	+/- 1 deg C