NAUGRA®

Product name:	Product code:
Thermistor and RTD Measurement Training Unit	CMI-NP-1981



Description

Unit for studying NTC, PTC thermistors and Pt100 RTD with bridge circuits. Teaches resistance temperature relationship, linearisation and three wire connection. The trainer helps students build bridge circuits and compare self heating and linearity of resistive temperature sensors.

Technical specification

Resolution	0.1 deg C
Stirrer	Motor driven
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 and RTD Measurement Training Unit is designed for ITI, polytechnic and TVET laboratories. The trainer helps students build bridge circuits and compare self heating and linearity of resistive temperature sensors.

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Features

- NTC, PTC and Pt100 sensors
- Bridge circuit with null adjustment
- Three wire RTD connection practice
- Water bath with heater
- Digital resistance and temperature display

Technical Specifications

Sensors	NTC 10k, PTC, Pt100
Temperature Range	0-100 deg C
Bath Heater	500 W immersion
Bridge Supply	5 V DC