NAUGRA®

Product name:	Product code:
Temperature Sensor Characteristics Trainer	CMI-NP-1980



Description

Trainer with thermocouple, RTD Pt100, thermistor and IC temperature sensors on a heated block. Used to plot output against temperature and compare linearity and sensitivity of each sensor.

Technical specification

Accuracy	+/- 1 deg C
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 Temperature Sensor Characteristics Trainer is designed for ITI, polytechnic and TVET laboratories. Students record sensor outputs while the block is heated and learn signal conditioning for industrial temperature measurement.

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Features

- Heated block with four sensor wells
- K type thermocouple, Pt100, NTC thermistor, IC sensor
- PID style on-off temperature controller
- Digital display of temperature and sensor output
- Signal conditioning amplifiers

Technical Specifications

Temperature Range	Ambient to 150 deg C
Sensors	K thermocouple, Pt100, NTC 10k, LM35 type
Heater	150 W block heater
Display	3.5 digit LED
Controller	On-off with set point