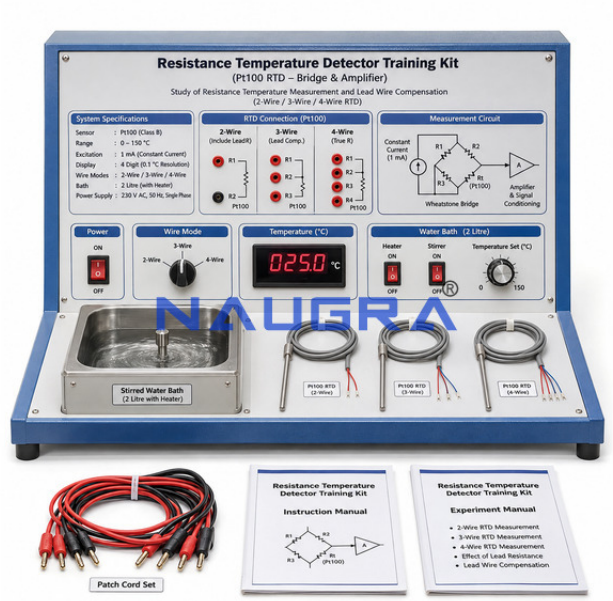
Product name:	Product code:
Resistance Temperature Detector Training Kit	CMI-NP-2050



Description

Kit with Pt100 RTD, bridge and amplifier to teach resistance temperature measurement and lead wire compensation. Used with a stirred water bath. Students make 2 wire, 3 wire and 4 wire RTD measurements and see the effect of lead resistance.

Technical specification

Wire Modes	2, 3, 4 wire
Bath	2 litre with heater
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 Resistance Temperature Detector Training Kit is designed for ITI, polytechnic and TVET laboratories. Students make 2 wire, 3 wire and 4 wire RTD measurements and see the effect of lead resistance.

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Features

- Pt100 RTD probes
- 2, 3 and 4 wire connection options
- Bridge with null indicator
- Digital temperature display
- Water bath with stirrer

Technical Specifications

Sensor	Pt100 Class B
Range	0-150 deg C
Excitation	1 mA constant current
Display	4 digit, 0.1 deg C resolution