Product name:	Product code:
Furnace Temperature Control Training System	CMI-NP-2034



Description

Small electric muffle furnace with thermocouple and programmable controller for ramp and soak profiles. Used to teach heat treatment style temperature programming. Students program ramp, hold and cool segments and verify furnace response with a recorder.

Technical specification

Rating	2 kW
Over Temperature Protection	Independent
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 Furnace Temperature Control Training System is designed for ITI, polytechnic and TVET laboratories. Students program ramp, hold and cool segments and verify furnace response with a recorder.

Features

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- Muffle furnace with ceramic insulation
- Programmable ramp soak controller
- K type thermocouple
- Thyristor or SSR power control
- Over temperature cut off

Technical Specifications

Maximum Temperature	1000 deg C
Chamber Size	100 x 100 x 150 mm
Controller	16 segment programmable
Sensor	K type thermocouple