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Product name:	**Product code:**
PID Temperature Control Training Station	CMI-NP-2038



Description

Station with PID controller, SSR and heating element used to tune P, I and D terms. Teaches auto-tune, overshoot reduction and steady state error. Students tune the controller manually and with auto tune and compare responses to setpoint and disturbance changes.

Technical specification

Output	SSR 25 A
Interface	RS-485 to PC
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 PID Temperature Control Training Station is designed for ITI, polytechnic and TVET laboratories. Students tune the controller manually and with auto tune and compare responses to setpoint and disturbance changes.

Features

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- Digital PID controller with auto tune
- Solid state relay output
- Heater with cooling fan disturbance
- Trend recording on PC
- Pt100 sensor input

Technical Specifications

Controller	PID with auto tune
Sensor	Pt100 RTD
Heater	1 kW
Range	0-250 deg C