NAUGRA®

Product name:	Product code:
On-Off Temperature Controller Training System	CMI-NP-2036



Description

System with heater, sensor and relay based on-off controller to demonstrate hysteresis and cycling in temperature control. Used for basic process control practice. Students set points and hysteresis and watch temperature cycle around the setpoint, which introduces closed loop control.

Technical specification

Controller	Digital 48 x 96 mm
Chamber Volume	5 litres
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 On-Off Temperature Controller Training System is designed for ITI, polytechnic and TVET laboratories. Students set points and hysteresis and watch temperature cycle around the setpoint, which introduces closed loop control.

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Features

- Insulated chamber with heater
- Thermocouple and indicator
- On-off controller with adjustable band
- Relay and contactor output
- Recorder output terminals

Technical Specifications

Temperature Range	Ambient to 200 deg C
Heater	500 W
Sensor	K type thermocouple
Hysteresis	Adjustable 1-10 deg C