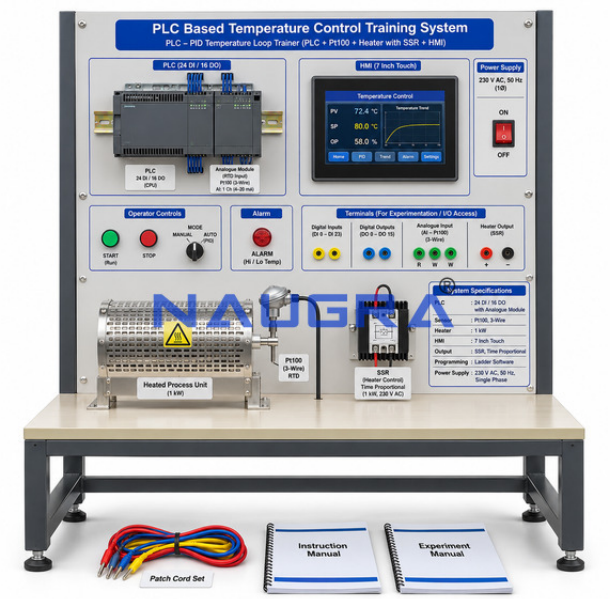
NAUGRA®

Product name:	Product code:
PLC Based Temperature Control Training System	CMI-NP-2039



Description

Temperature control trainer in which a PLC reads analogue input and controls heating via PID instruction. Used to teach industrial PLC based temperature loops. Students program PID blocks, set alarms and view data on an HMI display for a heated process.

Technical specification

Output	SSR, time proportional
Programming	Ladder software
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 PLC Based Temperature Control Training System is designed for ITI, polytechnic and TVET laboratories. Students program PID blocks, set alarms and view data on an HMI display for a heated process.

Features

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- PLC with analogue input module
- Heater with SSR
- HMI touch screen
- PID instruction programming
- Alarm and trend screens

Technical Specifications

PLC	24 DI / 16 DO with analogue module
Sensor	Pt100, 3 wire
Heater	1 kW
HMI	7 inch touch