NAUGRA®

Product name:	Product code:
Cascade Temperature Control Training System	CMI-NP-2033



Description

System with jacketed vessel and two controllers working in cascade to control product and jacket temperatures. Shows improved disturbance rejection of cascade loops. Students compare single loop and cascade control response when load or heater supply changes.

Technical specification

Range	0-100 deg C
Disturbance	Cold water injection
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 Cascade Temperature Control Training System is designed for ITI, polytechnic and TVET laboratories. Students compare single loop and cascade control response when load or heater supply changes.

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Features

- Jacketed vessel with heater
- Master and slave controllers
- Two Pt100 sensors
- Disturbance valve and fan
- Recorder with trend

Technical Specifications

Vessel	5 litres SS 304 jacketed
Controllers	2 PID units
Sensors	2 x Pt100
Heater	1.5 kW