NAUGRA®

Product name:	Product code:
Heat Exchanger Temperature Control Training System	CMI-NP-2035



Description

Shell and tube heat exchanger with control valve and temperature controller for outlet temperature control. Demonstrates industrial heat exchanger control. Students control the process fluid outlet temperature by manipulating hot water flow and study valve characteristics.

Technical specification

Flow Range	0-5 lpm
Controller	PID digital
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 Heat Exchanger Temperature Control Training System is designed for ITI, polytechnic and TVET laboratories. Students control the process fluid outlet temperature by manipulating hot water flow and study valve characteristics.

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Features

- Shell and tube exchanger
- Pneumatic or motorised control valve
- Temperature transmitters
- PID controller
- Rotameters for flows

Technical Specifications

Exchanger	Shell and tube, 0.3 sq m
Hot Water Heater	3 kW
Control Valve	Motorised, 15 mm
Transmitters	Pt100 with 4-20 mA