NAUGRA®

Product name:	Product code:
Water Bath Temperature Control Training Unit	CMI-NP-2042



Description

Stirred water bath with heater, sensor and controller for studying thermal lag, dead time and tuning of a first order process. The unit lets students record step response of the bath and derive process time constants for controller settings.

Technical specification

Material	SS 304
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 Water Bath Temperature Control Training Unit is designed for ITI, polytechnic and TVET laboratories. The unit lets students record step response of the bath and derive process time constants for controller settings.

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Features

- Insulated stainless steel bath
- Immersion heater and stirrer
- Pt100 sensor with transmitter
- PID controller and recorder
- Drain and cooling coil

Technical Specifications

Bath Capacity	10 litres
Heater	1.5 kW
Range	Ambient to 90 deg C
Control Accuracy	+/- 0.5 deg C
Stirrer	60 W motor