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Product Name :
Temperature Process Training System

Product Code :
LBNY-0005-1850004



Description :

The Temperature Process Training System is a compact and mobile unit for a wide range of experiments in temperature control. It gives students a greater understanding of the stability of simple control systems. The self-contained unit can do many experiments, but it can also connect to the optional Computer Control System for distributed control.

The main parts are:

- Industrial controller with auto tune feature
- Temperature transmitter
- Thermocouples
- In-line heater
- Three-speed pump
- Two-channel chart recorder
- Heat-exchanger and fan
- Reservoir
- Delay coil.

Technical Specification :

Experiments:

- The principles of loop control and the calibration and tuning of temperature transmitters and thermocouples
- Operation of a temperature control system
- Distributed control
- Setting up and demonstrating automatic control

Proportional, integral and derivative control.



Laboratory Instrument India