



PROCESS PID CONTROL TRAINER-TEMPERATURE

RP 113

Description:

This apparatus is used for observing the working principle of temperature control. The unit is mainly composed of: an electric heater installed in a storage tank and a plate heat exchanger which is responsible for heat transfer between the hot and cold water circuits.

Specifications:

- Centrifugal pump
- Plate heat exchanger
- Electrical heating element
- Control valve
- HMI touch panel and PLC software
- Storage tank
- Rotameters
- Thermometer
- Temperature gauge
- Piping system with valves and fittings
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Construction of a temperature control loop
2. Effect of PID coefficients on unit performance

Required For Operation:

- 220V Single Phase Electricity
- Urban Water Supply
- Urban Water Drainage
- Distilled Water
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm:900×550×1550

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