

Product Name :
Computerized Temperature Control Trainer

Product Code :
CHINAELABC2550005



Description :

Computerized Temperature Control Trainer

Technical Specification :

FEATURES:

Experimental introduction to control engineering using an example of temperature control
Construction of the system with components commonly used in industry
Digital controller with freely selectable parameters: P, I, D and all combinations

SPECIFICATION:

Pump, 3-stage :
Power consumption: 70W
Flow rate: 3,6m³/h
Head: 4m
Screw-in heater: 2kW
Heat exchanger: approx. surface area 2,8m²

Fan :
Power output: 250W
Flow rate: 780m³/h
Differential pressure: 430Pa
Speed: 2880min⁻¹
Thermocouple: type J: 0...200°C
Thyristor power controller max. Load current: 25A

Line recorder :

1x 4...20mA, 1x 0...20mA

Feed rate: 0...7200mm/h, stepped

Controller :

Process variables X, Y as analogue signals: 4...20mA

Power required for operation :

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase



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