

Industrial Regulation Trainer, PID type. (Temperature)

EPID/T

Technical Teaching Equipment



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SPECIFICATIONS

Steel box with handles for an easy transport.

Diagram in the front panel.

The processes regulator is integrated on the unit itself, as well as the universal converter to measure the temperature.

Terminals for an easy and quick connection.

High accuracy temperature controller: PID control with ± 0.2 scale background.

Possibility of 18 types of analog inputs (thermocouples: K, J, R, S, B, E, T, etc.; inputs in current, inputs in voltage, RTD), connected to terminal connections

2 digital inputs, connected to some terminal connections, with input for a 4 wires thermoresistance.

3 digital outputs. 3 different types of outputs: relay output, output in voltage and output in current 4-20mA DC.

Auto tuning for PID automatic setting.

An alarm in case of heater breakdown is available.

2nd. optional output for the heat-cold control, ON/OFF control of double actuation.

Communication functions: RS485 ASCII / Modbus.

Double display for visualization of the actual value and of the set point control.

Programing software.

Programing and visualization from computer (PC).

Cables and Accessories for normal operation.

Manuals:

This unit is supplied with several manuals: Required Services, Assembly and Installation, Starting-up, Safety, Maintenance & Practices Manuals.

REQUIRED SERVICES

- Electrical supply: single-phase, 220V. 50Hz or 110V. 60Hz.

DIMENSIONS & WEIGHT

-Dimensions: 310mm x 220mm x 145mm. approx.

-Weight: 5 Kg. approx.



ISO:9001-2000 Certificate
of Approval. Reg. No. E204034



European Union Certificate



Certificates ISO 14001: 2004 and
ECO-Management and Audit Scheme
(environmental management)



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