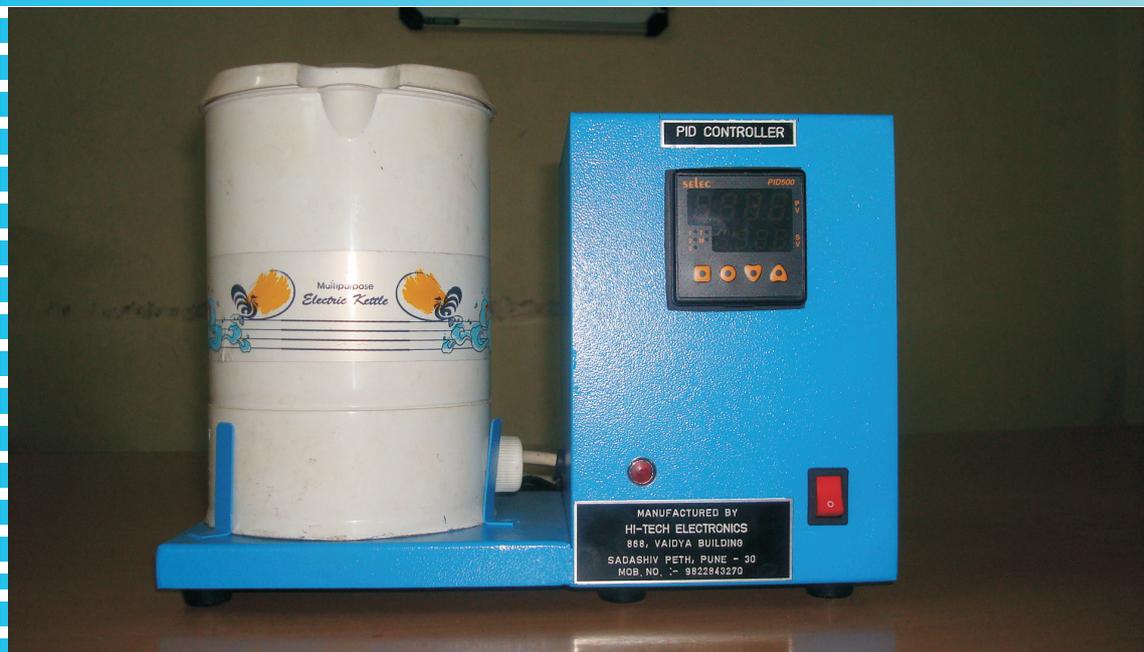


PID CONTROLLER TRAINER KIT

A Friend in Need

Hi-Tech
ELECTRONICS



Specifications:

PID Control Unit with Digital Display with inbuilt programming facility.

Temperature :Up to 10 Deg.

Mains on Indicator with fuse protection.

Sensor: RTD Pt 100 /Thermocouple (J/K).

Power : 230 Vac 50Hz.

Heater with temperature control is provided.

Relay output is provided.

Process : Heating of water.

Software: Optional

Experiments:

To study Proportional System (P)

To study Proportional+ Integral System (P+I)

To study Proportional+Integral+Derivative System (PID)

Note : Effect of P, PI ,PID on temperature can be observed by changing the respective parameters using keypad on display.

OTHER INSTRUMENTATION & CONTROL LAB TRAINERS ARE ALSO AVAILABLE

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