Description

PID Simulator

It is precisely engineered using best quality raw material and state-of-the-art machinery at our unit in compliance with the prevailing industrial standards and norms.

This ensures optimum quality, durability, reliability, optimum performance and low maintenance of our PID Simulator.

We have hence gained highly increasing demands for the same against that of our competitors.

Clients can avail it from us at highly cost- effective prices.

Objective:-

PID control using simulation of a typical closed loop control system

Observe proportional, integral, and derivative mode with input in terms of voltage

Study all modes with feed back (P, I, P + I, P + I + D)

Technical Specifications:-

In built fixed DC regulated power supply +12V/ 300mA & +5V / 300mA

One variable DC regulated power supply variable 0 - 500mV/ 150mA

Control circuits using operational amplifier IC OP 07 (6 Nos.)

On board potentiometers to control voltage & gain

3.5 Digit Dual range voltmeter selectable (2V / 20V)

Analog moving coil voltmeter 0-10V DC

Glass Epoxy PCB used as front panel of 400 mm x 225 mm & mounted on light Weight shock proof plastic cabinet

Circuit diagram printed on Glass Epoxy PCB & all important IC’s & test points are brought out on front panel

Power requirement:- 220 VAC +10%, 50Hz

Weight:- 1.0Kg Approx.

Dimensions (mm):- 430(L) x 230(B) x 90(H)

Standard Accessories:-

Power Chord, Patch Chords & Instruction Manual.