



Experimental Training Board has been designed specifically for the study of Electronically Regulated Power Supply. By this Training Board one can study the effect at output by variation of load and line voltage at input.

Object:

Study of Electronically Regulated Power Supply :

01. To see the functioning of a valve type voltage regulator.
02. To draw the load vs output voltage characteristics.
03. To see the effect of variation in line voltage on output voltage.

Features:

The board consists of the following built-in parts :

01. +300V D.C. at 60mA, unregulated Power Supply and 6.3V A.C. at 1Amp Power Supply.
 02. Three valves fitted on base.
 03. Adequate no. of other electronic components.
 04. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 1/2 metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
 - * Practical experience on these boards carries great educative value for Science and Engineering Students.
 - * Weight : 5 Kg. (Approx.)
 - * Dimension : W 300 x H 140 x D 200

Other Apparatus Required:

- * 0-100 mA D.C. Current meter
- * V.T.V.M.
- * Variac 0-270 Volts at 2 Amp

Note: Specifications are subject to change.

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