



OMEGA TYPE ETB-48 Experimental Training Board has been designed specifically for the study of the Characteristics of Vacuum Diode. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

- 01 To draw the plate voltage V/s plate current curve for different values of filament voltages.
- 02 To determine the plate resistance from the characteristics thus obtained.

FEATURES

The board consists of the following built-in parts :

- 01 0-300V D.C. at 100mA ,regulated Power Supply for plate voltage.
- 02 2V, 3V, 4V, 5V and 6.3V A.C. at 600mA, power supply for filament selectable by switch.
- 03 Digital Voltmeter DC 3¹/₂ Digit Having Dual range of 20V / 1000V.
- 04 Digital Current meter DC 3¹/₂ Digit Having Dual range of 20mA / 200mA.

05 A valve with base fixed on panel and wired internally.

06 Mains ON/OFF switch, Fuse and Jewel light.

GENERAL FEATURES

- 01 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 02 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 03 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 04 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

05 Weight : 5.800 Kg. (Approx.)

06 Dimension : W 415 x H 165 x D 315

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS