



OMEGA TYPE ETB-57 Experimental Training Board has been designed specifically for Verification of Child's Law. This Training Board is essentially a Vacuum Diode Characteristics Board with slight modification to facilitate the Verification of Child's Law. 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 study the static characteristics of a diode and to verify the Child's Law.

FEATURES

The Board consists of the following built in parts :

- 01 A valve with base fixed on panel and wired internally.
- 02 0-300V D.C. at 100mA, continuously variable regulated Power Supply for plate voltage.
- 03 D.C. Meter, 65mm rectangular dial with rotary switch selectable voltage ranges of 30V & 300V and current range of 0-100mA.
- 04 A.C./D.C. Ammeter, 65mm rectangular dial to read 0-1A, for reading filament current.
- 05 Wire wound Potentiometer, High wattage, for varying the filament current.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 09 Weight : 5.800 Kg. (Approx.)
- 10 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