

OMEGA TYPE ETB-68 Experimental Training Board has been designed specifically for plotting Characteristics of Ge & Si Semiconductor Diodes. 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 and Plot the Forward and Reverse Bias characteristics of (Ge & Si) Semiconductor Diodes.
02. To Determine the Static and Dynamic resistances of Forward Biased p-n junction of the given Diodes.

FEATURES

The board consists of following built-in parts:

01. 0-10V D.C. at 50mA, continuously variable with Coarse & Fine Pots, regulated Power Supply.
 02. D.C. Voltmeter, 65mm rectangular dial, with switch selectable ranges of 1V and 10V.
 03. D.C. Microammeter, 65mm rectangular dial, with switch selectable ranges of 50 mA and 10mA.
 04. Ge and Si Semiconductor Diodes.
 05. Adequate no. Of other electronic components.
 06. Mains ON/OFF switch and Fuse.
- * The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable 4mm spring loaded plug length $\frac{1}{2}$ 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.
 - * Weight : 3 Kg. (Approx.)
 - * Dimension : W 340 x H 110 x D 210

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

OMEGA ELECTRONICS

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