



**OMEGA TYPE ETB-100** Experimental Training Board has been designed specifically for the determination of peak and average voltage of an A.C. circuit. 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 with B.Sc students in particular.

#### OBJECT

- 01 To determine the peak Value of A.C. voltage and from it to calculate the average voltage of rectified half wave A.C.
- 02 To determine the peak value of A.C. voltage by null deflection method.

#### FEATURES

The unit consists of the following built-in parts:

- 01 +12V D.C. at 10mA, IC regulated Power Supply.
- 02 Mains step down transformer having secondary tapping 3V, 4.5V, 6V and 9V A.C. at 10mA.
- 03 Two Digital DC Voltmeter 3½ Digit range 0-20V.
- 04 Two SPST switches, potentiometer and a diode.
- 05 Adequate no. of other electronic components.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 08 Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length 50cm.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11 Weight : 2.200 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 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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