



OMEGA TYPE ETB-196 Training Board has been designed specifically for the study of Conversion of a Galvanometer into an Ammeter.

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 determine the resistance of a Galvanometer by half deflection method.
- 02 To determine the figure of merit of the Galvanometer.
- 03 To convert the Galvanometer into an Ammeter of a given range and to calibrate it.

FEATURES

The board consists of the following built-in parts :

- 01 +5V D.C. at 50mA, IC regulated Power Supply.
- 02 Galvanometer, 65mm rectangular dial to read 30-0-30.
- 03 D.C. Milliammeter, 65mm rectangular dial to read 0-50mA.
- 04 Potentiometer and adequate no. of other electronic components.
- 05 Mains ON/OFF switch, Fuse and Jewel light.
- 06 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 07 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 08 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 10 Weight : 2.500 Kg. (Approx.)
- 11 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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