



OMEGA TYPE ETB-182 Training Board has been designed specifically to study the Current Amplification of a Transistor. 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

- 1 To determine the DC current amplification factor of a transistor in common emitter Configuration:
- 2 To determine the DC current amplification factor of a transistor in common base Configuration
- 3 To determine the current amplification factor of a Transistor graphically.

FEATURES

The board consists of the following built-in parts :

- 01 6V D.C. at 100mA, regulated Power Supply.
- 02 0-6V D.C. at 100mA, continuously variable Power Supply.
- 03 D.C. Digital Voltmeter 3½ digits having range 20V.
- 04 D.C. Digital Current meter 3½ digits having range 200 mA.
- 05 D.C. Digital Current meter 3½ digits having range 2 mA.
- 06 Potentiometer to vary the base current.
- 07 Transistor with Heat Sink.
- 08 Adequate no. of other electronic components.
- 09 Mains ON/OFF switch and Fuse.
- 10 The unit is operative on 230VAC ±10% at 50Hz.
- 11 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
- 12 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 13 Weight : 2.300 Kg. (Approx.)
- 14 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch cords 4mm length 50 cm Red.....03.
- 02 Patch cords 4mm length 50 cm Black.....03.

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

OMEGA ELECTRONICS