



OMEGA TYPE ETB-1 Experimental Training Board has been designed specifically for the study of Conventional D.C. High Voltage Power Supply (based on vacuum tube diodes)

OBJECT

To study the following :

- 01 To study Half wave rectification & determination of ripple factor and load characteristics.
- 02 To study Full wave rectification & determination of ripple factor, and load characteristics.
- 03 To study Inductor filter & determine the load characteristics and ripple factor .
- 04 To study Capacitor filter & determine the load characteristics and ripple factor.
- 05 To study Choke input or LC filter & determine the load characteristics and ripple factor.
- 06 To study CLC or π filter & determine the load characteristics and ripple factor .

FEATURES

The board consists of the following built-in parts :

- 01 200-0-200 V A.C. at 100 mA and 6.3V A.C. at 1Amp Power Supply.
- 02 Double Diode valve fitted on base.
- 03 Adequate no. of other electronic components.

- 04 Mains ON/OFF switch, Fuse and Jewel light.
- 05 The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
- 06 Adequate no. of patch cords stack able from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.
- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 09 Practical experience on these boards carries great educative value for Science and Engineering Students.
- 10 Weight : 3 Kg. (Approx.)
- 11 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED :

- 01 Meter 100mA OMEGA TYPE MO-65
- 02 Digital Multimeter OMEGA TYPE DMM-201
- 03 Dual trace CRO 20MHz OMEGA TYPE CRO-20

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

OMEGA ELECTRONICS

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
: omegajipur62@gmail.com

www.omegaelectronics.net

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223