



**OMEGA TYPE ETB-201** Experimental training board has been designed specifically for the study & verification of network theorems in D.C. circuits. 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 verify the Superposition Theorem and to calculate current in any branch of a multi source network using Superposition Theorem
- 02 To verify Thevenin's Theorem and to calculate Thevenin's equivalent of given circuit.
- 03 To verify the Reciprocity Theorem and to measure current in a branch containing voltage source after shifting it to some other branch.

### FEATURES

The board consists of the following built-in parts :

- 01 +9V D.C. at 20mA, IC regulated Power Supply.
- 02 0 - 12V D.C. at 20mA, continuously variable regulated Power Supply.
- 03 Digital voltmeter 3½ digits having range 20 V D.C.
- 04 Three Digital Milliammeters 3½ digit having range 20mAD.C.
- 05 Adequate no. of other electronic components.
- 06 Mains ON/OFF switch and fuse.
- 07 The unit is operative on 230V ± 10% at 50 Hz A.C. mains.
- 08 Adequate no. of patch cords stackable 4mm spring loaded plug length 50cm.
- 09 Good quality, reliable terminals/sockets are provided at appropriate places on panel for connections/observations of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11 Weight : 2.600 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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