



OMEGA TYPE ETB-159 Experimental Training Board has been designed specifically for the study of basic Applications of operational Amplifier (OP-AMP) using IC-741.

Practical experience on this board carries great educative value for Science and Engineering students.

OBJECT

To study the following applications of Operational Amplifier:

- 01 Inverting Amplifier.
- 02 Non-Inverting Amplifier.
- 03 Summing Amplifier or Adder.
- 04 Voltage Follower or Buffer Amplifier using AC / DC voltage.

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 15V$ D.C. at 50mA, IC Regulated Power Supply.
- 02 Three 0-2V D.C. at 100mA, continuously variable regulated Power Supplies.
- 03 OP-AMP IC 741.
- 04 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

OTHER APPARATUS REQUIRED:

- 01 Digital Multimeter $3\frac{3}{4}$ digit OMEGA TYPE DMM-201
- 02 AF Generator OMEGA TYPE AO-300
- 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