



OMEGA TYPE ETB-166 Experimental Training Board has been designed specifically for the study of Scaling Amplifier using OP-AMP ICs 741. 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 Study Scaling Amplifier, configured in such a way so that any type of transfer function i.e. Direct or Inverse with D.C. offset (+ve or -ve) can be scaled.
- 02 To Study Adjustment of Angle of Transfer Function.

FEATURES

The board consists of the following built-in parts:

- 01 $\pm 15V$ D.C. at 50mA, IC regulated power supply internally connected.
- 02 Two 0-10V D.C. at 50mA, continuously variable power supplies.
- 03 Two Digital DC Voltmeter 3 $\frac{1}{2}$ Digit range 0-20V.
- 04 Two OP-AMP ICs 741.
- 05 Adequate no. of Electronic Components.

- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 08 Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length 50cm.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 11 Weight : 2.700 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch cords 4 mm length 50cm RED04
- 02 Patch cords 4 mm length 50cm BLACK04

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

OMEGA ELECTRONICS