



**OMEGA TYPE ETB-169** Experimental Training Board has been designed specifically to study Voltage to Current Converter using OP-AMP ICs 741. This Training Board gives a deep understanding of the conversion of voltage into proportional current in both Inverting & Non-Inverting configurations. 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 the conversion of input voltage into proportional current irrespective of load for Inverting & Non-Inverting modes.

#### FEATURES

The Board consists of the following built-in parts:

- 01  $\pm 15V$  D.C. at 50mA, IC regulated power supply internally connected.
- 02 0 - 5V D.C. at 50mA, continuously variable power supply.

03 Two OP-AMP ICs 741.

04 Digital DC Ammeter range 0-20mA.

05 Digital DC Voltmeter range 0-20V to read 0-5V.

06 Adequate no. of Electronic Components.

07 Mains ON/OFF switch, Fuse and Jewel light.

08 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.

09 Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length 50cm.

10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.

11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

12 Weight : 2.300 Kg. (Approx.)

13 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**