



OMEGA TYPE ETB-170 Experimental Training Board has been designed specifically for the study of Current to Voltage Converter using OP-AMP ICs 741. This Training Board gives a deeper insight into conversion of current into proportional voltage. 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 principles of voltage controlled current source.
- 1.1 To Study conversion of current to proportional voltage in Inverting mode.
- 1.2 To Study conversion of current to proportional voltage in Non-Inverting mode.

FEATURES

The Board consists of the following built-in parts:

- 01 $\pm 15V$ D.C. at 100 mA, IC regulated power supply internally connected.
- 02 Two OP-AMP ICs 741.
- 03 Voltage controlled current source using OP-AMPS and Transistors.
- 04 Digital DC Voltmeter $3\frac{1}{2}$ Digit range 0-20V .

- 05 Digital DC Milliammeter $3\frac{1}{2}$ Digit range 0-20mA
- 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 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 : 2.300 Kg.
- 12 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch cords 4 mm length 50cm RED.....02
- 02 Patch cords 4 mm length 50cm BLACK.....02

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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