



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

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. D.C. Milliammeter, 65mm rectangular dial with switch selectable ranges of 1mA and 5mA.
  05. D.C. Voltmeter, 65mm rectangular dial to read 0-5V.
  06. Adequate no. of Electronic Components.
  07. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
  - \* Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length  $\frac{1}{2}$  metre.
  - \* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
  - \* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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