



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.
02. To Study conversion of current to proportional voltage in Inverting & Non-Inverting modes.

**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. D.C. Voltmeter, 65mm rectangular dial to read 0-15V.
  05. D.C. Milliammeter, 65mm rectangular dial to read 0-10mA.
  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 4mm 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.

**Tesca Technologies Pvt. Ltd.**

305, Taru Chhaya Nagar, Tonk Road, Jaipur-302029, India  
Tel: +91-141-2724326, Mob: +91-9413330765  
Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tesca.in