



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 D.C. Voltmeters, 65mm rectangular dial to read 0-15V.
  04. Two OP-AMP ICs 741.
  05. Adequate no. of Electronic Components.
  06. 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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