



Experimental Training Board has been designed specifically for the study of OP-AMP IC's applications. This training board covers Integrator and Differentiator application of operational amplifiers (IC-741) and makes the student familiar with it.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

To study the following applications of Op-Amp 741 :

01. Integrating Amplifier for DC input signals.
02. Integrating Amplifier for AC input signals.
03. Differentiator Amplifier.
04. Non-inverting differentiator.

Features:

The board consists of the following built-in parts :

01. $\pm 15V$ D.C. at 100mA, IC Regulated Power Supply.
02. OP-AMP IC 741.
03. Square Wave Generator of 1 KHz, using IC.
03. Adequate no. of other electronic components.
04. 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 4 mm spring loaded plug length $\frac{1}{2}$ meter.
- * 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.

Other Apparatus Required:

- * Digital Multimeter ($3\frac{3}{4}$ digit)
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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