



OMEGA TYPE ETB-216 Experimental Training Board has been designed specifically for the study of OP-AMP IC's applications. This training board covers Integrator and Differentiation 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.
- 05 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
- 06 Adequate no. of patch cords stackable 4 mm spring loaded plug length 50CM.
- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 09 Weight : 2.500 Kg. (Approx.)
- 10 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 Digital Multimeter (3 $\frac{3}{4}$ digit) OMEGA TYPE DMM-201
- 02 Dual trace CRO 20MHz OMEGA TYPE CRO-20

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS