



**OMEGA TYPE ETB-215** Experimental Training Board has been designed specifically for the study of Scaling, Summer and Voltage follower using OP-AMP ICs 741.

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 Summing amplifier or adder.
- 03 To study Voltage follower or Buffer Amplifier.
- 3.1 D.C. Voltage follower.
- 3.2 A.C. Voltage follower

**FEATURES**

The board consists of the following built-in parts :

- 01  $\pm 15V$  D.C. at 50mA, IC regulated power supply internally connected.
- 02 Three 0-10V D.C. at 50mA, continuously variable power supplies.
- 03 Two DPM  $3\frac{1}{2}$  digits to read 0-20V.
- 04 Two OP-AMP ICs 741.
- 05 Two Potentiometers.
- 06 Adequate no. of Electronic Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11 Weight : 3 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210

**LIST OF ACCESSORIES:**

- 01 Patch cords 4mm length 50cm Red..... 10.
- 02 Patch cords 4mm length 50cm Black..... 10.

**OTHER APPARATUS REQUIRED:**

- 01 Digital Multimeter ( $3\frac{3}{4}$  digit) OMEGA TYPE DMM-201
- 02 AF sine wave generator OMEGA TYPE AO-300
- 03 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**

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