



OMEGA TYPE MCH-23 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 DC offset (+Ve or -Ve) can be scaled.

02 To Study Summing amplifier or adder.

03 To Study Voltage follower or Buffer Amplifier.

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 15V$ D.C. at 50mA, IC Regulated Power Supply.
- 02 Three 0-10V D.C. at 100mA, continuously variable regulated Power Supplies.
- 03 Two Digital Voltmeter, $3\frac{1}{2}$ digits Range 0-20V.
- 04 Two Potentiometers.

05 Adequate no. of other electronic components.

06 Mains ON/OFF switch and Fuse.

07 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.

08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

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

11 Weight : 5 Kg. (Approx.)

12 Dimension : W 415 x H 165 x D 315.

OTHER APPARATUS REQUIRED:

- 01 Digital Multimeter $3\frac{3}{4}$ digit OMEGA TYPE DMM-201
- 02 Sine square wave oscillator Omega Type SS-305
- 03 Dual trace CRO 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