



OMEGA TYPE MCH-06 Experimental Training Board has been specifically designed to study Capacitor as a Charge Storage Device.

OBJECT

- 01 To study the charging of a condenser, to plot a graph of voltage (V) across it against time (t) and to determine the time constant from this graph.
- 02 To plot a graph of charging current (i) against time (t) and to determine the time constant from this graph.
- 03 To study the discharging of a condenser, to plot a graph of voltage (V) across the condenser against time (t) and to determine the time constant from this graph.
- 04 To plot a graph of discharge current (i) against time (t) and to determine the time constant from this graph.

FEATURES

The board consists of the following built-in parts :

- 01 0-20V D.C. at 25 mA, continuously variable regulated Power Supply.
- 02 Digital Voltmeter 3½ Digit ranges 0-2V / 20V.
- 03 Digital Milliammeter, 3½ Digit ranges 0-20mA.
- 04 Three SPST switches.
- 05 Four electrolytic condensers.
- 06 Adequate no. of other 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 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions.
- 12 Weight : 2Kg. (Approx.)
- 13 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 Digital stop Clock OMEGA TYPE DSC-602

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

OMEGA ELECTRONICS