



**OMEGA TYPE ETB-157** Experimental Training Board has been designed specifically to determine the Resistance and Capacitance of a Capacitor with a source of alternating E.M.F. and three ammeters and a voltmeter. The unit is self contained and requires no other apparatus.

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

#### OBJECT

01 To determine the resistance and capacitance of a capacitor using three ammeters and a voltmeter.

#### FEATURES

The board consists of the following built-in parts :

- 01 Mains transformer having secondary tapings at 20V,30V, 40V, 50V and 60V at 500mA.
- 02 Three A.C. Milliammeters, 65mm round dial to read 0-500mA.
- 03 A.C. Voltmeter, 65mm round dial to read 0-75V.

04 Capacitor of which capacitance and resistance has to be measured.

05 120 ohm/30W resistance.

06 Mains ON/OFF switch, Fuse and Jewel light.

07 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.

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, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

11 Weight : 5.900 Kg. (Approx.)

12 Dimension : W 415 x H 165 x D 315

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

## OMEGA ELECTRONICS