



OMEGA TYPE ETB-149 Experimental Training Board has been designed specifically for the Measurement of Power and Power Factor of R-L Circuit with a single phase of AC voltage source using voltmeters, current meter and a wattmeter.

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

OBJECT

01 Measurement of Power and Power factor of R-L circuit with a single phase of AC voltage source using voltmeters, current meters and wattmeter.

FEATURES

The board consists of the following built-in parts:

- 01 Mains transformer having tapplings at 10V, 20V, 30V and 40V \pm 10% AC at 500mA provided on terminals.
- 02 A.C. Ammeter, 65mm round dial to read 0-500mA.
- 03 Three A.C. Voltmeters, 65mm round dial to read 0-50V A.C.
- 04 Wire-wound resistor 100E, 20W.
- 05 Inductor 200mH at 500mA rated current.

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 : 6.00 Kg. (Approx.)

12 Dimension : W 415 x H 165 x D 315

OTHER APPARATUS REQUIRED:

01 Wattmeter

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

OMEGA ELECTRONICS