



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:

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 tapings 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 100W, 20W.
 05. Inductor 200mH at 500mA rated current.
 06. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 1/2 metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required

- * Wattmeter

Note: Specifications are subject to change.

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