Experimental Training Board has been designed specifically for the determination of peak and average voltage of an A.C. circuit. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students with B.Sc students in particular.

Object:

01. To determine the peak voltage of A.C. and from it to calculate the average voltage of rectified half wave A.C.
02. To determine the peak value of A.C. by null deflection method.

Features:

The unit consists of the following built-in parts:

01. +12V D.C. at 10mA, IC regulated Power Supply.
02. Mains step down transformer having secondary tapping 3V, 4.5V, 6V and 9V A.C. at 10mA.
03. A.C. / D.C. Voltmeter, 65mm rectangular dial, with A.C. and D.C. switch selectable range of 0-15V.
04. D.C. Voltmeter, 65mm rectangular dial to read 0-15V.
05. Two SPST switches, potentiometer and a diode.
06. Adequate no. of other electronic components.
07. Mains ON/OFF switch, Fuse and Jewel light.

* The unit is operative on 230V ±10% at 50Hz A.C. Mains.
* Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length ½ metre.
* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections.
* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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