



Experimental Training Board has been designed specifically for the study of the variation of the Total Thermal Radiation with Temperature (Verification of Stefan's Law of Radiation). 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:

To study the variation of the Total Thermal Radiation with Temperature.

FEATURES

The board consists of the following built-in parts :

01. 0-6V D.C at 1A, IC regulated continuously variable Power Supply with coarse and fine voltage control.
 02. D.C. Voltmeter, 65mm rectangular dial with switch selectable ranges of 600mV and 6V.
 03. D.C. Ammeter, 65mm rectangular dial with switch selectable ranges of 500mA and 1A.
 04. Tungsten filament bulb of 6 Volt, 6W.
 05. 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 $\frac{1}{2}$ 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.

Note: Specifications are subject to change.

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