



**36285** Experimental Training R Board has been designed specifically for the verification of Stefan's law of radiation by using an incandescent lamp.

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.

**Object :**

1. To verify the Stefan's law of radiation by using an incandescent lamp.

**Features**

The board consists of the following built-in parts :

1. 0-6V D.C. at 2A, IC regulated continuously variable and short circuit protected Power Supply with coarse and fine voltage control.
2. Digital Voltmeter DC 3½ Digit Having range of 0- 20V.
3. Digital Current meter DC 3½ Digit Having range of 0-2Amp
4. Incandescent lamp.
5. Mains ON/OFF switch, Fuse and Jewel light.
6. The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
7. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
8. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
9. Weight : 3.400 Kg. (Approx.)
10. Dimension : W 340 x H125 x D 210.

Note: Specifications are subject to change.

