



Experimental Training Board has been designed specifically for the measurement of temperature coefficient of resistance. With the help of this Training Board one can familiarize the variation of resistance with temperature. 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:

01. Measurement of positive Temperature Co-efficient of resistance.
02. Measurement of negative Temperature Co-efficient of resistance.

Features:

The board consists of the following built-in parts:

01. 0-20V D.C. at 100mA, continuously variable regulated Power Supply
 02. D.C. Voltmeter, 65mm rectangular dial having switch selectable ranges of 2V and 20V.
 03. D.C. Ammeter, 65mm rectangular dial having switch selectable ranges of 5mA and 50mA.
 04. Oven, electrically heated, with clamp for thermometer.
 05. Two thermistors, one NTC type and another PTC type with leads.
 06. Adequate no. of other electronic components.
 07. 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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