



Experimental Training Board has been designed specifically to determine the activation energy of a thermistor and to determine the material constant of the thermistor material.

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. To determine the activation energy of a thermistor.
02. To determine the material constant of the thermistor material.

Features:

The board consists of the following built-in parts :

01. 1V, 2V and 5V D.C. at 10mA, Power Supply selectable by band switch.
 02. Digital Milliammeter, 3½ digits having range 2mA D.C.
 03. Oven, Electrically heated, for the purpose of varying the temperature of the thermistor.
 04. Thermistor with leads.
 05. Thermometer 0-110 °C.
 06. Mains ON/OFF switch and Fuse.
- * The unit is operative on 230V ±10% at 50Hz A.C. Mains.
* 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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