

**THERMISTOR CHARACTERISTICS**  
OMEGA TYPE ETB-59



**OMEGA TYPE ETB-59** Experimental Training Board has been designed specifically to study the Characteristics of a Thermistor. 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 draw Resistance V/s Temperature characteristics of a Thermistor.
- 02 To find temperature co-efficient of thermistor from graph and to verify it by comparing with theoretical value.

**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.
- 07 The unit is operative on 230VAC ±10% at 50Hz.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 09 Weight : 3.400 Kg. (Approx.)
- 10 Dimension : W 340 x H 125 x D 210

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

**OMEGA ELECTRONICS**