



**OMEGA TYPE ETB-187** Experimental Training Board has been designed specifically for obtaining the temperature of a torch bulb filament by its resistance measurements.

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

To determine the temperature of a torch bulb filament by its resistance measurements.

#### FEATURES

The board consists of the following built-in parts :

- 01 0-12V D.C. at 0.5A, I.C. regulated continuously variable and short circuit protected power supply, with coarse and fine voltage control.
- 02 Two Digital Panel Meters (for measurement of D.C. voltage and current).

SPECIFICATION	Voltage	Current
Range	19.99Volt	1.999Amp.
Resolution	10mV.	1mA
Accuracy	$\pm 0.2\% \pm 1$ digit	$\pm 0.2\% \pm 1$ digit
I/P Impedance	10 M ohms	0.1 ohms
Display	: 3½ digit, 7 sigment LED (12.5mm height).	
Auto	: Polarity indication.	
Over Load Indication	: Sign of 1 on left and blanking of other digits.	

- 03 Incandescent lamp.
- 04 Mains ON/OFF switch and Fuse.
- 05 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 06 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 08 Weight : 2.900 Kg. (Approx.)
- 09 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

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