



**OMEGA TYPE ETB-275** Experimental Training Board has been designed specifically for the study of Temperature Compensated Logarithmic and Anti-Logarithmic Amplifier. The training board is based on temperature compensation.

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 Study Temperature Compensated Logarithmic Amplifier and Study its Frequency Response.
- 02 To Study Temperature Compensated Anti-Logarithmic Amplifier and Study its Frequency Response.

**FEATURES**

The board consists of the following built-in parts:

- 01  $\pm 12V$  D.C. at 100 mA, IC Regulated Power Supply internally connected.
- 02  $\pm 1V$  DC at 10 mA with POT for voltage variation
- 03 +12V reference voltage internally connected
- 04 Two Digital DC Voltmeter ranging from  $\pm 1.999V$  displaying input and output voltage.
- 05 Four OP-AMPS
- 06 Transistors and adequate no. of other Electronics Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 10 Weight : 2.100 Kg. Approx
- 11 Dimension : W 340 x H 125 x D 210

**LIST OF ACCESSORIES :**

- 02 Patch cord 4mm-multipin 50cm. Red.... 02
- 03 Patch cord 4mm-multipin 50cm. Black...02

**OTHER APPARATUS REQUIRED**

- 01 Cathode Ray Oscilloscope 20MHz  
OMEGA TYPE CRO-20

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

**OMEGA ELECTRONICS**