



**OMEGA TYPE ETB-241** Experimental Training Board has been designed specifically for the study of Wheatstone Bridge. Using this bridge the value of unknown resistor can be found. 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 Wheatstone Bridge
- 02 To measure value of unknown resistance.

**FEATURES**

The board consists of the following built in parts:

- 01 +5V D.C. At 100mA IC regulated power supply internally connected.
- 02 Digital Galvanometer, 3 1/2 digit range 20mA
- 03 Six decade resistance of different range.
- 04 Measuring Capacity/Range 1m Ohm to 11.11M Ohm.
- 4.01 1 milli Ohm to 11.11 Ohm
- 4.02 10 milli Ohm to 111.1 Ohm
- 4.03 100 milli Ohm to 1.111 Ohm
- 4.04 1 Ohm to 11.11 Ohm
- 4.05 10 Ohm to 111.1 Ohm
- 4.06 100 Ohm to 1.111K Ohm
- 4.07 1K Ohm to 11.11K Ohm

- 4.08 10K Ohm to 111.11K Ohm
- 4.09 100K Ohm to 1.11M Ohm
- 4.10 1M Ohm to 11.11M Ohm
- 05 Series Arm 1000 + 100 + 10 + 1 Ohm
- 06 Adequate. no. of other electronic components.
- 07 Mains ON/OFF switch, Fuse and Jewel Light.
- 08 The unit is operative on 230V ±10% at 50Hz A.C. Mains.
- 09 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 12 Weight : 2.400 Kg. (Approx.)
- 13 Dimension : W 340 x H 125 x D 210

**LIST OF ACCESSORIES:**

- 01 Patch cord 4mm length 50cm Red ..... 02
- 02 Patch cord 4mm length 50cm Black .....04

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

**OMEGA ELECTRONICS**