



**OMEGA TYPE ETB-271** Experimental Training Board has been designed specifically to study the Voltage Multipliers such as Voltage Doubler, Voltage Tripler and Voltage Quadrupler and to determine their regulation characteristics.

The board is absolutely self contained and requires no other apparatus.

Practical experience on these boards carries great educative value for Science and Engineering Students.

#### OBJECT

Study of following Voltage multipliers :

- 01 Full wave Voltage Doubler.
- 02 Half wave Voltage Doubler.
- 03 Voltage Tripler.
- 04 Voltage Quadrupler.

#### FEATURES

The board consists of the following built-in parts :

- 01 AC Voltage 10, 20, 30 & 40 Volt provided at 10mA.
- 02 Digital Voltmeter DC 3½ Digit Having range of 0- 200V.

- 03 Digital Ammeter DC 3½ Digit Having range of 0-2mA

- 04 Adequate no. of other electronic components.

- 05 Mains ON/OFF switch, Fuse and Jewel light.

- 06 The unit is operative on 230V ±10% at 50Hz AC Mains.

- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.

- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 09 Weight : 2.500 Kg Approx.

- 10 Dimension : W 340 x H 125 x D 210

#### LIST OF ACCESSORIES

- 01 Patch cords 4mm length 50cm Red.....07
- 02 Patch cords 4mm length 50cm Black.....07

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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