



**OMEGA TYPE ETB-73** Experimental Training Board has been designed specifically to study different properties of Unijunction Transistor. Practical experience on this board carries great educative value for Science and Engineering Students.

#### OBJECT

- 01 To plot V-I characteristics of a given U.J.T. (Unijunction Transistor).
- 02 To use the given U.J.T. as a Relaxation Oscillator / Sweep Generator .

#### FEATURES

The board consists of the following built-in parts :

- 01 Two 0-30V DC at 50mA, continuously variable regulated Power Supplies.
- 02 Digital Voltmeter DC 3½ Digit having range of 0-200V.
- 03 Digital Current meter DC 3½ Digit having range of 0-20mA
- 04 Unijunction Transistor.

- 05 Adequate no. of other electronic components.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 09 Good quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 11 Weight : 2.600 Kg. (Approx.)
- 12 Dimension : W 340 x H125 x D 210

#### OTHER APPARATUS REQUIRED:

- 01 Dual trace CRO 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**