



**OMEGA TYPE ETB-27** Experimental Training Board has been designed specifically for the study of Bistable Multivibrator circuit built around transistors. A bistable circuit is widely used in digital circuits.

### OBJECT

- 01 To study the operation of a Transistor Bistable Multivibrator.
- 02 To trigger the Bistable Multivibrator with Square wave signal and to compare output frequency with the trigger waveform frequency.

### FEATURES

The board consists of the following built-in parts :

- 01 +9V D.C. at 50mA, IC regulated Power Supply internally connected.
- 02 Two NPN transistors.
- 03 Adequate no. of other electronic components.
- 04 Mains ON/OFF switch, Fuse and Jewel light.
- 05 The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
- 06 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

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

10 Weight : 1.900 Kg. (Approx.)

11 Dimension : W 340 x H 125 x D210.

### OTHER APPARATUS REQUIRED:

- 01 Sine Square Wave Oscillator  
OMEGATYPE SS-305
- 02 Dual trace CRO 20MHz OMEGATYPE 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**