



OMEGA TYPE ETB-139 Experimental Training Board has been designed specifically for the study of Blocking Oscillator.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

01 To observe on a C.R.O. the waveforms at the base and collector of an Astable Blocking Oscillator:

- (a) Without connecting the diode
- (b) After connecting the diode

02 To measure the pulse width and the frequency of the pulse-train with various combinations of C and R values.

FEATURES

The board consists of following built-in parts :

- 01 +9V D.C. at 100mA, IC regulated Power Supply internally connected.
- 02 NPN transistor.
- 03 Adequate no. of other electronic components.
- 04 Mains ON/OFF switch, Fuse and Jewel light.

05 The unit is operative on 230VAC $\pm 10\%$ at 50Hz

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 Weight : 2.100 Kg. (Approx.)

10 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED :

- 01 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

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