



OMEGA TYPE ETB-143 Experimental Training Board has been designed specifically for the study of Miller Sweep Circuit.

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

OBJECT

- 01 To get familiar with the Miller Sweep Circuit and experimentally observe the effect of C and R value on the sweep waveform.
- 02 To experimentally observe the effect of the frequency of input step waveform on the sweep waveform.
- 03 To observe the linearity of the sweep waveform.

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 12V$ DC at 50mA, IC Regulated Power Supply internally connected.
- 02 IC based Square wave generator with switch selectable spot frequencies of 100Hz,500Hz and 1KHz.
- 03 OP-AMP's for Miller Sweep Circuit.
- 04 Four band switches for selection of various resistors and capacitors.
- 05 Mains ON/OFF switch, Fuse and Jewel light.

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

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 : 2.300 Kg. (Approx.)

10 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES

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

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