



OMEGA TYPE ETB-181 Experimental Training Board has been designed specifically for the study of Schmitt's Trigger Circuit based on IC-741. This Training Board is quite useful in studying the hysteresis associated with the schmitt trigger and the effect of feedback on threshold voltages.

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

OBJECT

To study Schmitt's Trigger Circuit for the following.

- 01 Upper threshold voltage
- 02 Lower threshold voltage
- 03 Hysteresis
- 04 Effect of feedback on threshold voltage

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 15V$ D.C. At 50mA, IC regulated Power Supply internally connected
- 02 Digital DC Voltmeter 3 1/2 Digit range 0-20V.
- 03 OP-AMP IC-741
- 04 Single Pole Five Way Switch
- 05 Adequate no. of other electronic components.
- 06 Mains ON/OFF switch and Fuse.
- 07 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 08 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 10 Weight : 2.300 Kg. (Approx.)
- 11 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch cord 4mm Length 50cm Red.....03
- 02 Patch cord 4mm Length 50cm Black.....02

OTHER APPARATUS REQUIRED:

- 01 Dual Trace CRO 20MHz OMEGA TYPE CRO-20
- 02 Function Generator Omega Type FG-321

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
omegajaipur62@gmail.com

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223

www.omegaelectronics.net