



OMEGA TYPE ETB-173 Experimental Training Board has been designed specifically for the study of Active Limiter using OP-AMP ICs 741. This Training Board gives a better understanding of the principles of limiting of input voltage at output with specified limits of +ve & -ve voltages. The board is absolutely self contained and requires no other apparatus.

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

OBJECT

- 01 To study active limiting of input at either polarity with adjustable limits using summing amplifier, unity gain amplifier and open loop comparator.
- 02 To study the comparison between Zener Limiter and Active Limiter.

FEATURES

The board consists of the following built-in parts:

- 01 $\pm 15V$ D.C. at 50mA, IC regulated power supply internally connected.
- 02 $\pm 5V$ D.C. at 50mA, IC regulated power supply internally connected.
- 03 D.C. Voltmeter, 65mm rectangular dial to read 0-5V.
- 04 Four OP-AMP ICs 741.
- 05 Adequate no. of Electronic Components.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 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 Kg. (Approx.)
- 11 Dimension : W 340 x H125 x D 210.

LIST OF ACCESSORIES:

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

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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