



OMEGA TYPE ETB-175 Experimental Training Board has been designed specifically for the study of Crystal Oscillator using CMOS ICs. This Training Board gives a better Understanding of the Generation of stable and accurate frequency.

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

OBJECT

01 To Study Crystal Oscillator using CMOS ICs with crystal of frequency 32.768 KHz.

FEATURES

The board consists of the following built-in parts :

- 01 + 10V D.C. at 50mA, IC regulated power supply internally connected.
- 02 Hex Inverter CMOS IC CD-4069.
- 03 Hex Schmitt Trigger Inverter CMOS IC CD-4584.
- 04 Crystal of frequency 32.768 KHz.
- 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 : 1.8 Kg. (Approx.)
- 11 Dimension : W 340 x H125 x D 210

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

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