



OMEGA TYPE ETB - 74 Experimental Training Board has been designed specifically for the study of Crystal Oscillator. This Training Board provides familiarisation with a Quartz crystal and its application in Miller and Pierce type Oscillators. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

- 01 To study the Miller Crystal Oscillator and to observe its waveform and frequency.
- 02 To study the Pierce Crystal Oscillator and to observe its waveform and frequency.

FEATURES

The board consists of the following built-in parts :

- 01 Quartz Crystal, 1MHz fixed on a crystal socket.
- 02 Valve fixed on panel with 9 pin valve base.
- 03 Inductor (coil) and Radio Frequency Coil.
- 04 Adequate no. of other electronic components.

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

- 05 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 06 Good quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 08 Weight : 3 Kg. (Approx.)
- 09 Dimension : W 340 x H125 x D 210

OTHER APPARATUS REQUIRED :

- 01 Power Supply 300V at 100mA
OMEGATYPE ICV - 300/01
- 02 Digital Frequency Counter
OMEGATYPE DFC - 20M
- 03 Dual trace CRO OMEGATYPE CRO-20.

OMEGA ELECTRONICS