



**OMEGA TYPE ETB-25** Experiment Training Board has been designed specifically for the study of Transistor RF Oscillators such as (i) Hartley's (ii) Colpitt's and (iii) Clapp's Oscillators using L-C.

#### OBJECT

To study the following transistor RF oscillators using L-C:

- 01 Hartley's Oscillator.
- 02 Colpitt's Oscillator.
- 03 Clapp's Oscillator.

#### FEATURES

The board consists of the following built-in parts :

- 01 -9V DC at 50mA, IC regulated Power Supply internally connected.
- 02 PNP transistor.
- 03 Band switch of Different condensers.
- 04 Adequate no. of other electronic components.
- 05 Mains ON/OFF switch, Fuse and Jewel light.
- 06 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 07 Adequate no. of patch cords 4mm length 50 cm.
- 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 Practical experience on these boards carries great educative value for Science and Engineering Students.

- 11 Weight : 2.00 Kg. (Approx.)

- 12 Dimension : W 340 x H 125 x D 210

#### OTHER APPARATUS REQUIRED :

- 01 Cathode Ray Oscilloscope 20MHz  
OMEGATYPE 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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