

**ELECTRON COUPLED OSCILLATOR
(VALVE VERSION)
OMEGA TYPE ETB-43**

OMEGA TYPE ETB-43 Experimental Training Board has been designed specifically for the study of the Electron Coupled Oscillator.

OBJECT

Study of Electron Coupled Oscillator :

- 01 To see the effect of loading on an Oscillator.
- 02 To reduce the effect of loading on the oscillator by electron coupling the oscillations to a different tuned circuit.

FEATURES

The board consists of the following built-in parts :

- 01 A valve with base fixed on panel and wired internally.
- 02 Band switch to select different tuned circuits.
- 03 Adequate no. of other electronic components.
- 04 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 05 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 07 Practical experience on these boards carries great educative value for Science and Engineering Students.
- 08 Weight : 2 Kg. (Approx.)
- 09 Dimension : W 340 x H 125 X D 210

OTHER APPARATUS REQUIRED:

- 01 Power Supply 300V at 100mA
OMEGATYPE ICV-300/01
- 02 Dual trace CRO 20MHz OMEGA TYPE CRO-20

**TWIN-TEE OSCILLATOR
(VALVE VERSION)
OMEGA TYPE ETB-44**

OMEGA TYPE ETB-44 Experimental Training Board has been designed specifically for the study of Twin-Tee Oscillator by using vacuum valve.

OBJECT

01 Study of the Twin-Tee Oscillator.

FEATURES

The board consists of the following built in parts :

- 01 A valve with base fixed on panel and wired internally.
- 02 A band switch for changing values of RC combinations.
- 03 Adequate no. of other electronic components.
- 04 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 05 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 07 Practical experience on these boards carries great educative value for Science and Engineering Students.
- 08 Weight : 1 Kg. (Approx.)
- 09 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED :

- 01 Power Supply 300V at 100mA
OMEGATYPE ICV-300/01
- 02 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