



OMEGA TYPE ETB-227 The experimental set up has been designed specially for the study of Wien Bridge Audio Oscillator using JFET. The Training board helps us to understand the utilization of Audio OSC and obtain oscillation at different frequencies.

Practical Experience on these boards carries great educative value for Science and Engineering students.

OBJECT

01 To design and setup a Wien Bridge Oscillator using JFET to generate a sinusoidal signal of three frequencies at $3V_{PP}$.

FEATURE

The board consists of the following built in parts :

- 01 12V DC at 100 mA, IC Regulated Power Supply internally connected.
- 02 Potentiometer to vary the amplitude.
- 03 Two JEET.
- 04 Adequate no. of electronic components.
- 05 Mains ON/OFF switch, Fuse & Jewel light.
- 06 The unit is operative on $230V \pm 10\%$ at 50Hz AC Mains.
- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object Theory, Design procedures, Report Suggestions and Book References.
- 09 Weight : 1.700 Kg. (Approx.)
- 10 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

01 Patch cord stackable 4mm length 50cm Red.....01.

OTHER APPARATUS REQUIRED:

- 01 Digital Frequency Counter OMEGA TYPE DFC-20M.
- 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.

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