

WEIN BRIDGE (R-C) AUDIO OSCILLATOR
OMEGA TYPE ETB-7

OMEGA TYPE ETB-7 Experimental Training Board has been designed specifically for the study of Wein Bridge (R-C) Audio Oscillator. The ETB-7 has been specially designed to give students an idea about Wein Bridge Audio Oscillator. Wein Bridge Oscillator are frequently used for AF testing purpose. It is a two stage RC coupled Amplifier which is provided on the panel.

Practical experience on these boards carries great educative value for Science and Engineering Students in order to understand the function of Wein Bridge Audio oscillator.

OBJECT

To study Wein Bridge (R-C) Audio Oscillator :

- 01 To obtain oscillation of different frequencies by varying RC.
- 02 To study the frequency response of Phase shift network.
- 03 To study two stage RC coupled amplifier, with and without negative feedback.

FEATURES

The board consists of the following built-in parts :

- 01 A valve with base fixed on panel and wired internally
- 02 Adequate no. of other electronic components.
- 03 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 04 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of wave forms.
- 05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 06 Weight : 3 Kg. (Approx.)
- 07 Dimension : W340 x H 125 x D 210

OTHER APPARATUS REQUIRED :

- 01 Power Supply 300V at 100mA
OMEGATYPE ICV-300/01
- 02 A.C. Millivoltmeter OMEGATYPE ACV-25
- 03 AF Sine Wave Generator OMEGATYPE AO-300
- 04 Digital Frequency Counter
OMEGATYPE DFC-20M
- 05 Dual trace CRO 20MHz OMEGATYPE CRO-20

PHASE SHIFT AUDIO OSCILLATOR
(VALVE VERSION)
OMEGA TYPE ETB-8

OMEGA TYPE ETB-8 Experimental Training Board has been designed specifically for the study of Phase Shift Audio Oscillator.

Practical experience on these boards carries great educative value for Science and Engineering Students.

OBJECT

To study Phase Shift Audio Oscillator :

- 01 To obtain oscillation of different frequencies by varying RC.
- 02 To study phase and frequency response of phase Shift network.

FEATURES

The board consists of the following built-in parts :

- 01 A valve with base fixed on panel and wired internally
- 02 Adequate no. of other electronic components.
- 03 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm metre.
- 04 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of wave forms.
- 05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 06 Weight : 3 Kg. (Approx.)
- 07 Dimension : W340 x H 125 x D 210

OTHER APPARATUS REQUIRED

- 01 Power Supply 300V at 100mA
OMEGATYPE ICV-300/01
- 02 A.C. Millivoltmeter OMEGATYPE ACV-25
- 03 AF Sine Wave Generator OMEGATYPE AO-300
- 04 Digital Frequency Counter
OMEGATYPE DFC-20M
- 05 Dual trace CRO 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