

**DOUBLE STAGE PENTODE AMPLIFIER
(VALVE VERSION)
OMEGA TYPE ETB-5**

OMEGA TYPE ETB-5 Experimental Training Board has been designed specifically for the study of Single Stage Pentode Amplifier.

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

OBJECT

To study Double Stage Pentode Amplifier for :

- 01 Voltage gain and Frequency response of a single stage pentode amplifier.
- 02 Voltage gain, Frequency response and phase response of a double stage pentode amplifier.

FEATURES

The board consists of the following built-in parts :

- 01 Two valves 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
OMEGA TYPE ICV-300/01
- 02 A.C. Millivoltmeter OMEGA TYPE ACV-25
- 03 AF Sine Wave Generator OMEGA TYPE AO-300
- 04 VTVM OMEGA TYPE VTV-10
- 05 Dual trace CRO OMEGA TYPE CRO-20

**FEED BACK AMPLIFIER
(VALVE VERSION)
OMEGA TYPE ETB-6**

OMEGA TYPE ETB-6 Experimental Training Board has been designed specifically for the study of Feed Back Amplifier.

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

OBJECT

To study Negative Feed Back Amplifier for :

- 01 Voltage gain, Frequency response and Phase response of a single stage triode amplifier.
- 02 Study of voltage inverse feed back.
- 03 Study of current inverse feed back.

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
OMEGA TYPE ICV-300/01
- 02 A.C. Millivoltmeter OMEGA TYPE ACV-25
- 03 AF Sine Wave Generator OMEGA TYPE AO-300
- 04 AF Voltmeter OMEGA TYPE AF-205VB
- 05 Dual trace CRO 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