



Experimental Training Board has been designed specifically to study the characteristics of Diode, Triode, Tetrode and Pentode Vacuum Tubes. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

To study the characteristics of following Vacuum Tubes:

01. Diode.
02. Triode.
03. Tetrode.
04. Pentode.

Features:

The board consists of the following built-in part :

01. 0-300V D.C. at 100mA, continuously variable regulated Power Supply for plate voltage.
 02. 30V-300V D.C. at 30mA, continuously variable regulated Power Supply for screen grid.
 03. 2V, 3V, 4V, 5V and 6.3V A.C. Power Supply for filament.
 04. 0-±10V D.C. at 20mA, continuously variable Power Supply voltage for bias.
 05. D.C. Voltmeter, 65mm rectangular dial with switch selectable ranges of 30V, 100V and 300V.
 06. D.C. Voltmeter, 65mm rectangular dial with switch selectable ranges of 100V and 300V.
 07. D.C. Milliammeter, 65mm rectangular dial with switch selectable ranges of 10mA, 30mA and 100mA.
 08. D.C. Milliammeter, 65mm rectangular dial with switch selectable ranges of 5mA and 30mA.
 09. D.C. Voltmeter, 65mm rectangular dial to read ±10V.
 10. 9 pin valve base and 8 pin valve base fixed on panel, with electrode pins taken out for inter connections.
 11. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V ±10% at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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