



Experimental Training Board has been designed specifically to study the characteristics of a Pentode. 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:

01. To obtain plate and mutual characteristics of a given pentode.
02. To calculate tube constants from the characteristics.

Features:

The board consists of the following built-in parts :

01. 0-300V D.C. at 100mA, continuously variable regulated Power Supply.
 02. 40-300V D.C. at 30mA, continuously variable regulated Power Supply.
 03. 0±10V D.C. at 10mA, continuously variable regulated Power Supply for bias.
 04. 6V3 AC at 600 mA for Filament.
 05. D.C. Voltmeter, 65mm rectangular dial to read 0-±10V.
 06. D.C. Milliammeter, 65mm rectangular dial, with switch selectable ranges of 30mA and 100mA.
 07. D.C. Voltmeter, 65mm rectangular dial to read 0-300V.
 08. Adequate no. of other electronic components.
 09. 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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