



**36150** Experimental Training Board has been designed specifically to study the characteristics of Vacuum Triodes. 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 static plate and mutual characteristics of a given triode.
02. To determine the co-efficients,  $g$ ,  $r$  and  $m$  of the triode valve from its characteristics.  $m$  p

**Features:**

The board consists of the following built-in parts :

01. A valve with 9 Pin base fixed on panel and wired internally.
02. 0-300V D.C. at 35mA, continuously variable Power Supply for plate Voltage.
03. 6.3VA.C. at 600mA for filament.
04. 0 -  $\pm 10$ V D.C. at 35mA, continuously variable Power Supply for bias.
05. D.C. Voltmeter, 65mm rectangular dial to read 0-300V for plate voltage.
06. D.C. Milliammeter, 65mm rectangular dial to read 0-30mA for plate current.
07. D.C. Voltmeter, 65mm rectangular dial to read 0- $\pm 10$ V for bias voltage.
08. Adequate no. of other electronic components.
09. Mains ON/OFF switch, Fuse and Jewel light.

**General Features:**

01. The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
02. Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length  $\frac{1}{2}$  metre.
03. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
04. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
05. Weight : 4.5 Kg. (Approx.)
06. Dimension : W 400 x H 300 x D 165mm

Note: Specifications are subject to change.