



Experimental Training Board has been designed specifically for the study of Hybrid Parameters of a transistor and to derive Z and Y parameters from the hybrid-parameter results.

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

Object:

01. To measure the hybrid-parameters i.e. H_{11} , h_{12} , h_{21} & h_{22} of a transistor, at 1 KHz and at different collector current values.
02. To derive Z and Y parameters from the hybrid parameter results.

Features:

The board consists of the following built in parts:

01. 0-2V5 D.C. at 100 mA, continuously variable Power Supply.
 02. 0-9V D.C. at 100mA, continuously variable Power Supply.
 03. D.C. Milliammeter, 65mm rectangular dial to read 0-10mA.
 04. 1 KHz Sine Wave source with variable output level 0-1V.
 05. PNP Germanium transistor
 06. Adequate no. of other Electronic Components.
 07. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ 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.

Other Apparatus Required:

- * V.T.V.M.

Note: Specifications are subject to change.

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