

Experimental Training Board has been designed specifically for the study of the Phase Splitter.

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

Object:

Study of Phase Splitter:

01. To draw the cathode degenerative amplifier characteristics from E - I curve of the tube and to determine the component values, cathode voltage swing plate voltage swing, maximum allowable in put peak, power output and distortion.
02. To verify the values with experimental set-up.
03. To measure output and input impedances.

Features:

The board consists of the following built-in parts :

01. A valve with base fixed on panel and wired internally.
 02. Two potentiometers.
- * Adequate no. of other electronic components.
 - * 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.
 - * Weight : 3 Kg. (Approx.)
 - * Dimension : W 340 x H 110 D 210

Other Apparatus Required:

- * V.T.V.M.
- * IC Regulated Power Supply
- * Decade Audio Frequency Generator
- * Decade Resistance Box
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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