



Experimental Training Board has been designed specifically for the study of Miller Sweep Circuit.

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

Object:

01. To get familiar with the Miller Sweep Circuit and experimentally observe the effect of C and R value on the sweep waveform.
02. To experimentally observe the effect of the frequency of input step waveform on the sweep waveform.
03. To observe the linearity of the sweep waveform.

Features:

The board consists of the following built-in parts :

01. $\pm 12V$ DC at 50mA, IC Regulated Power Supply internally connected.
 02. IC based Square wave generator with switch selectable spot frequencies of 100Hz, 500Hz and 1KHz.
 03. OP-AMP's for Miller Sweep Circuit.
 04. Four band switches for selection of various resistors and capacitors.
 05. 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:

- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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