

Product Name :
Integrating Differentiating and Clamping Circuits

Product Code :
NLAB-ELECTRONICSAB420005

Description :

Integrating Differentiating and Clamping Circuits

Technical Specification :

Experimental Training Board has been designed specifically to study the Integrating, Differentiating and Clamping Circuits.

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

Object:

01. Study of Integrating Circuit response at 1KHz and 10 KHz for different combinations of R and C.
02. Study of Differentiating Circuit response at 1 KHz and 10 KHz for different combinations of R and C.
03. Study of series and shunt Clamping Circuits.

Features:

The board consists of the following built-in parts:

01. 0-10V D.C. at 20mA, continuously variable Power Supply.
02. Square Wave Generator with switch selectable frequency ranges of 1KHz and 10KHz.
03. Diode.
04. Rotary switch for selection of different values of capacitors.
05. Adequate no. of other electronic components.
06. 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 ½ metre.

Other Apparatus Required:

Cathode Ray Oscilloscope 20MHz

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