

Product Name :
Conversion of Galvanometer Into a Voltmeter

Product Code :
NLAB-ELECTRONICSAB420020

Description :

Conversion of Galvanometer Into a Voltmeter

Technical Specification :

Training Board has been designed specifically for study of Conversion of a Galvanometer into a Voltmeter. 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 determine the resistance of a Galvanometer by half deflection method.
02. To determine the figure of merit of the Galvanometer.
03. To convert the Galvanometer into a Voltmeter of a given range and to calibrate it.

Features:

The board consists of the following built-in parts :

01. Galvanometer, 65mm rectangular dial having 30-0-30 scale.
02. 5V D.C. at 50mA, IC regulated Power Supply.
03. D.C. Voltmeter, 65mm rectangular dial to read 0-5V.
04. Necessary Shunt & Series Resistances.
05. Potentiometer and 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 $\frac{1}{2}$ metre.

Naugralabequipments

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