

Calibration of Voltmeter and Ammeter by DC Potentiometer



Product Categories: [Electronics](#), [Engineering Equipment](#), [Experimental Setup For Electrical Lab](#), [Experimental Setup For Electrical Lab](#)

Product Page:

<https://www.labappara.com/product/calibration-of-voltmeter-and-ammeter-by-dc-potentiometer/>

Product Description

Calibration of Voltmeter and Ammeter by DC Potentiometer

Description

Calibration of Voltmeter and Ammeter by Potentiometer is an elite setup designed to understand the functioning and calibration of Potentiometer, Voltmeter and Ammeter. It is a complete setup with training board, Potentiometer and Calibration unit. Calibration unit has a Voltmeter and an Ammeter, which can be Calibrated by Potentiometer.

A Potentiometer is an instrument designed to measure an unknown voltage by comparing it with a known voltage. It has a high degree of accuracy. The potentiometer is used extensively for the calibration of voltmeters and ammeters, and provides a standard method for calibration of these instruments.

Calibration of Voltmeter and Ammeter using Potentiometer is an ideal platform to

enhance education, training, skills & development amongs our young minds.

Features

Regulated Power Supply 2 volts/100mA to operate the Potentiometer.

Precisely calibrated Electronic Standard Cell Voltage 1.0186 volts.

Regulated power supply 0-2 volts, 1 Amps as a voltage source for use in the experiment.

Galvanometer for null balance.

A voltmeter 0-2 volt is provided for voltage comparison/measurement of voltage.

An ammeter 0-1 amp is also provided for voltage measurement of current.

Standard resistance and unknown resistance is provided to perform the experiment.