# Calibration of Voltmeter and Ammeter by DC Potentiometer



**Product Categories**: <u>Electronics</u>, <u>Engineering Equipment</u>, <u>Experimental Setup For Electrical Lab</u>, <u>Experimental Setup For Electrical Lab</u>

#### **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

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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.