

## Loading Effect Of Potentiometer



**Product Categories:** [Electronics](#), [Engineering Equipment](#), [Instrumentation Lab](#), [Instrumentation Lab](#)

**Product Page:**

<https://www.labappara.com/product/loading-effect-of-potentiometer/>

### Product Description

Loading Effect Of Potentiometer

#### **Specifications :**

Completely self contained standalone unit

Demonstrates the principle and working of potentiometers and effect of loading

Built-in two (2) different types of potentiometers, viz., Single turn Potentiometer with knob

Built-in Resistive Load Bank (4 different Resistive Loads) for loading the potentiometers

Built-in IC based DC regulated power supply with short circuit protection and indication for supply "ON"

Graphs of loaded output voltage v/s rational angle  $\theta$  of potentiometer shaft and loading error v/s rational angle can be plotted

Calculation of loading error

Multi - coloured test points are provided at various stages to observe the voltage

and waveform

Set of necessary patch cords

Housed in an elegant cabinet with a well spread intelligently designed multicoloured layout on the front panel

Strongly supported by a comprehensive instruction manual complete with theory and operating details

Supply required 230V, 50 Hz AC