POTENTIOMETER

Code: W-3732 GST: 18% Brand: AVAIN LABS







AVAIN LABS® POTENTIOMETER

The AVAIN LABS® Potentiometer is a practical physics laboratory apparatus designed for conducting potentiometer experiments and demonstrating fundamental principles of electrical measurements. The unit consists of a one-meter-long wooden board equipped with brass strips on a Sunmica base, providing a convenient and sturdy setup for laboratory and classroom demonstrations.

This potentiometer apparatus is suitable for school and college physics laboratories, science classrooms, electrical experiments, STEM education, and practical demonstrations. It helps students understand concepts related to potential difference, voltage measurement, resistance, and the potential gradient through hands-on experimentation.

Key Features

- 1 meter long wooden board for laboratory use
- Equipped with brass strips on a Sunmica base
- Designed for potentiometer physics experiments
- Suitable for demonstrating principles of potential difference and potential gradient
- Practical design for school and college laboratory applications
- Useful for physics practicals and classroom demonstrations
- Suitable for repeated educational use
- Simple and convenient laboratory apparatus for electrical experiments

Potentiometer Experiment

A potentiometer is an important apparatus used in physics laboratories to study and compare potential differences and electromotive force (EMF). It works on the principle that the potential drop across a uniform conducting wire is proportional to its length when a constant current flows through it.

The Avain Labs® Potentiometer provides a practical setup for students to perform experiments involving potential gradient, EMF comparison, and voltage measurement.

Applications

The Avain Labs® Potentiometer can be used for:

- Potentiometer physics experiments
- Measuring and comparing EMF
- Studying potential difference
- Determining potential gradient
- Physics laboratory practicals
- Electrical measurement demonstrations
- School science laboratory experiments
- College and educational laboratory work
- STEM and hands-on science education

Construction

The apparatus features a one-meter-long wooden board fitted with brass strips and mounted on a Sunmica base. This construction provides an organized platform for carrying out potentiometer experiments in a classroom or laboratory environment.

Ideal for Physics Laboratories

The AVAIN LABS® Potentiometer is suitable for educational institutions looking for practical physics laboratory equipment and electrical experiment apparatus. It can be used by teachers and students to demonstrate important concepts from electricity and electrical measurements.

Product Name

AVAIN LABS® Potentiometer – 1 Meter Wooden Board with Brass Strips

Includes

One meter long wooden board equipped with brass strips on Sunmica base

Available models (3)			
Cat. No.	**Model / Size**	**Size**	**HSN**
W-3732-S1	Small	Small	
W-3732	Standard		
W-3732-S2	Large	Large	

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