

Meter Bridge Kit



MODEL - AKPHY021

MAKE - AK LABS

The Meter Bridge Kit is an educational physics kit designed to determine unknown resistance using the principle of Wheatstone bridge. It helps students understand electrical resistance, balance condition, and circuit analysis through practical experiments.

KIT SPECIFICATION

Kit Name	Meter Bridge Kit
Subject	Physics
Learning Areas	Electrical Resistance, Wheatstone Bridge, Meter Bridge Principle, Circuit Balance Condition
Components	Meter Bridge Wire, Resistance Box, Galvanometer, Jockey, Battery/Power Supply, Key Switch, Connecting Wires
Material	Laboratory Grade Electrical Components & Precision Measurement Tools
Application	Physics Practicals, Electrical Resistance Experiments & STEM Education
Suitable For	Schools, Colleges, Physics Laboratories, Universities & Educational Institutions

KIT DETAILS

The **Meter Bridge Kit** provides all essential laboratory equipment required to determine unknown resistance using the principle of Wheatstone bridge. Students perform circuit

balancing experiments, measure resistance accurately, and understand the relationship between length and resistance. The kit strengthens concepts in electricity and measurement techniques. Ideal for schools, colleges, physics laboratories, and STEM-based learning environments.