

Optical Bench Experiments Kit



MODEL - AKPHY022

MAKE - AK LABS

The Optical Bench Experiments Kit is an educational physics kit designed to study principles of ray optics. It helps students understand image formation, focal length, reflection, and refraction through practical experiments using an optical bench setup.

KIT SPECIFICATION

Kit Name	Optical Bench Experiments Kit
Subject	Physics
Learning Areas	Ray Optics, Optical Bench, Lenses, Mirrors, Focal Length, Image Formation
Components	Optical Bench, Convex Lens, Concave Lens, Mirror Holder, Illuminated Object, Screen, Scale, Lens Holders
Material	Laboratory Grade Optical Components and Precision Metal Bench Setup
Application	Physics Practicals, Optics Experiments and STEM Education
Suitable For	Schools, Colleges, Physics Laboratories, Universities and Educational Institutions

KIT DETAILS

The **Optical Bench Experiments Kit** provides all essential laboratory equipment required to perform ray optics experiments using an optical bench. Students study image formation by lenses and mirrors, determine focal length, and understand reflection and refraction

principles. The kit strengthens conceptual understanding of geometrical optics and measurement techniques. Ideal for schools, colleges, physics laboratories, and STEM-based learning environments.