

RAY OPTICS KIT

The Ray Optics Kit is a comprehensive educational tool designed to demonstrate the fundamental principles of light, reflection, refraction, and optical phenomena through hands-on experiments. Ideal for students, educators, and laboratories.



KEY FEATURES



Comprehensive Learning

Covers a wide range of ray optics concepts through practical experiments.



High-Quality Components

Made from durable, precision-engineered parts for accurate results.



Portability

Comes in a sturdy carrying case for easy storage and transportation.



User-Friendly

Easy to set up and use, suitable for students and educators.



Safe & Reliable

Designed with safety in mind for educational environments.

SPECIFICATIONS

Product Name	Ray Optics Kit
Material	High-Quality Optical Glass, Acrylic, Plastic & Metal
Light Source	Laser Ray Box (Red Laser)
Wavelength	650 nm (Approx.)
Laser Output	< 1 mW (Class II)
Power Supply	2 × 1.5V AA Batteries (Not Included)
Components	Mirrors, Lenses, Prisms, Slits, Screens, Base, Laser Ray Box & Accessories
Applications	Study of Reflection, Refraction, Total Internal Reflection, Dispersion & More
Storage Case	Sturdy Plastic Carrying Case with Foam Insert
Suitable For	School, College, and Laboratory Use

KIT INCLUDES

- Laser Ray Box
- Rectangular Block
- Semi-circular Block
- Prisms (Various Angles)
- Lenses (Plano-Convex / Plano-Concave)
- Mirrors (Plane & Concave)
- Slits (Single & Multiple)
- Screen
- Base / Stands
- Accessories
- User Manual
- Sturdy Carrying Case

EXPERIMENTS YOU CAN PERFORM

- ✓ Reflection of Light
- ✓ Refraction of Light
- ✓ Total Internal Reflection
- ✓ Dispersion of Light
- ✓ Focal Length of Lenses
- ✓ Image Formation by Lenses
- ✓ Deviation by Prisms
- ✓ And many more...

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