



**55948** Ray Optics Demonstrator is designed to provide a comprehensive introduction to laboratory optics. Optics is a branch of Physics that describes the behavior and properties of Light and the interaction of light with matter. We interact with light that has interacted with objects to determine such things as the color, shape, and position of the objects. In studying optics we still gain our information by interacting with light that has interacted with objects. But in studying optics we want to know more about optical properties like Reflection, Refraction, Diffraction, Interference. 55948 is designed such that all the basics of light and optics can be understood easily. This product is supplied with Laser light source and Ray table scale for measurement of different parameters.

### Features

1. LASER light source
2. Ray table for measurement

### Object

1. Verification of Reflection of Light
2. Verification of Refraction of Light
3. Total Internal Reflection Demonstration

### Technical Specifications

#### Laser source

- Wavelength : 630nm  
Output : Less than 3mW  
Battery : 1.5V (2 Nos.)

#### D-Shape Lens

- Material : Acrylic  
Ray Table : Four Quadrants of 90°

Note: Specifications are subject to change.