



Nodal Slide Assembly Setup

Nvis 6029



Nvis 6029 Nodal Slide Assembly Setup is useful for accurate measurement of focal length of convex lens and for combination of convex lenses. It consists of incandescent light source, cross slit, movable circular mirror and nodal slide assembly. The Nodal slide assembly is provided with angular and linear movement along with graduated linear and circular scale. This setup also helps the students to understand the basic property of lens like focal point, nodal Point, principal axis, centre of curvature etc.

Features

- A comprehensive and self contained optics system
- A complete system with a Light Source, Bench and all other accessories
- Sliding uprights
- 40W incandescent lamp Light Source
- Online product tutorial

Scope of Learning

- Determination of the focal length of the converging lens
- Determination of the focal length of the combination of convergent lenses
- Verification of the relation

$$\frac{1}{F} = \frac{1}{f_1} + \frac{1}{f_2} - \frac{d}{f_1 f_2}$$

Technical Specifications

Optics bench

Length : 1m

Light source

Output : 40W

Mains Supply : 230V ±10%, 50Hz

Convex Lens

Type : Double Convex

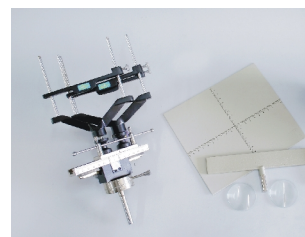
Focal Length : 150mm

Diameter : 50mm

Nodal Slide Assembly

Circular scale : 0-360°

Linear scale : 70-0-70mm



Accessories

Designed & Manufactured in India by

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