

NV6029 Nodal Slide Assembly Setup is an elite training unit to determine the focal length of convergent lens either individually or in combination. The nodal slide is made available for the examination of images formed at a finite magnification, whether by visual examination, photography, by the introduction between the fixed light source or object and the lens. This setup helps students to understand the basic property of lens like focal length, focus point, nodal point, principal axis, centre of curvature etc. Nodal slide assembly is very compatible arrangement, in which rotational and linear movement of the carriage (on which two lens holder are fixed) is provided to check arrangement of optical bench.

- ▣ **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**
- ▣ **Extensive operating manual**
- ▣ **2 Year warranty**

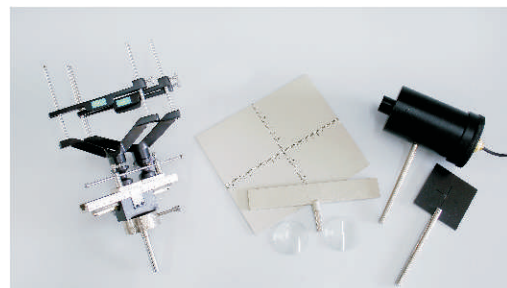
Technical Specifications :

Optics bench	
Length	: 1 m
Light source	
Output	: 40 W
Input	: 220 V ±10%, 50Hz
Convex Lens	
Type	: Double Convex
Focal Length	: 150 mm
Diameter	: 50 mm
Nodal Slide Assembly	
Circular scale	: 0 - 360°
Linear scale	: 70 - 0 - 70 mm

Scope of Learning

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

$$\frac{1}{F} = \frac{1}{f_1} + \frac{1}{f_2} - \frac{d}{f_1 f_2}$$
- Determination of the principle points of the lens system



Manufactured by :

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