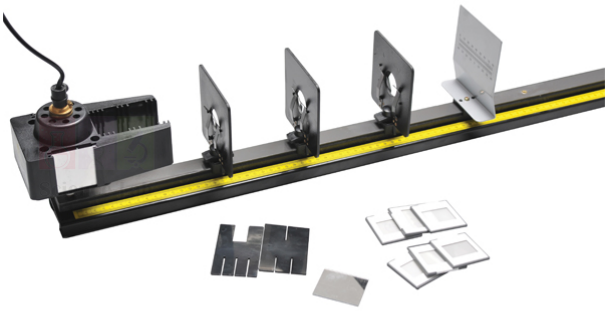
Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

Optical Bench Set

**Product Code :**

SLE/PHY/266



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

## Description :

**Optical Bench Set** (Product Code: SLE/PHY/266) is a complete optics set built on a 1,200mm non-twisting aluminium alloy bench, used for experiments on the focal length of lenses, curvature of mirrors and lens combinations. It includes a raybox with a 12V, 24W bulb, three universal holders on sliders, a 100x100mm double-sided scaled screen and two slit sets, forming a ready optics lab equipment package. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Bench | Non-twisting aluminium alloy, 1,200mm |
| Scale | Easy-to-read scale divided into cm and mm |
| Universal holders | 3, on sliders |
| Slides | 6 x 50x50mm |
| Screen | 100x100mm, double-sided, scaled, on slider |
| Light source | Raybox/light source with mounting rod |
| Bulb | 12V, 24W |
| Power lead | 2m of flex with 2 x 4mm plugs |
| Slit sets | 2 |
| Plane mirror | 50x50 |
| Aluminium plates | 50x50 |
| Product code | SLE/PHY/266 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the Optical Bench Set Used For?

The set is designed for a wide range of optics experiments: measuring the focal length of lenses, finding the curvature of mirrors, and studying lens combinations, where two lenses in contact or at a set separation behave as a single lens of a different focal length. The raybox and slit sets produce narrow beams for tracing rays, and the double-sided scaled screen lets students read image size from either side of the bench. These are core practicals in any physics practical equipment list for CBSE and university labs.

The non-twisting aluminium alloy bench keeps the sliders aligned along its full length, so readings from the cm and mm scale stay consistent. Connect the raybox through its 4mm plugs to a suitable 12V supply, let the 24W bulb cool before handling the housing, and wipe the sliders clean

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