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Product Name :

Mirror, Concave

Product Code :

SLE/PHY/252



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Description :

Mirror, Concave (Product Code: SLE/PHY/252) is a 50 mm diameter glass concave mirror used to form real and virtual images and to find focal length in school and college optics practicals. Optically worked, with a 75 mm focal length and a silvered back under a protective coating, it comes in packs of 10 so a whole class can work at the same time. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Mirror type	Concave
Material	Glass, optically worked
Diameter	50 mm
Focal length	75 mm
Backing	Silvered back with protective coating
Pack size	10 mirrors
Product code	SLE/PHY/252
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Concave Mirror Used For?

Students find the focal length quickly by focusing a distant window or lamp onto a screen and measuring the mirror-to-image distance, which should come out close to 75 mm. They then move an object, such as an illuminated pin, to different distances and watch the image change from real and inverted to virtual, upright and magnified once the object is inside the focal point — the principle behind shaving mirrors and torch reflectors.

For the u–v method, the mirror is set on an optical bench and pairs of object and image distances are recorded to calculate f from the mirror formula. Because the reflecting silver is on the back of the glass, clean the front gently with a soft cloth and take care not to scratch the protective coating. With ten mirrors per pack, this physics lab equipment lets every group in a school class run the practical together.

What to Specify When Ordering

- The number of packs required (each pack holds 10 mirrors).
- Whether mirror holders or an optical bench should be quoted, as the listing covers the mirrors only.
- Whether convex and plane mirrors are also needed for a complete reflection unit.

OEM Manufacturer

Jain S
OEM
licens

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