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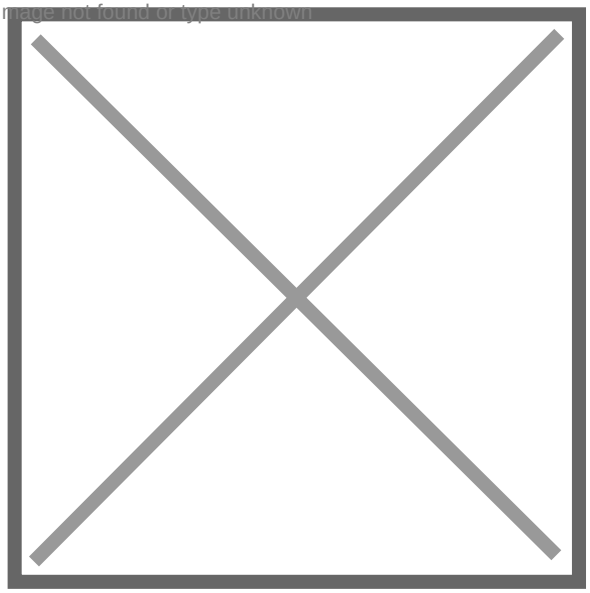
Product Name :

Concave Mirror

Product Code :

SCL-394/095

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Description :

Concave Mirror (Product Code: SCL-394/095) is a round converging mirror used to form real images and measure focal length in school and college physics practicals. The 50 mm diameter mirror is available in 15 cm and 25 cm focal lengths and is made of spherical, optically worked glass with ground edges and a highly polished face. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of optics lab equipment in India, at its own factoryin Ambala.

Specifications

Parameter	Detail
Mirror type	Concave (converging), spherical
Diameter	50 mm
Focal length options	15 cm; 25 cm
Shape	Round
Glass	Optically worked, highly polished
Edge finish	Ground
Listed properties	Chemical resistant, heat resistant
Product code	SCL-394/095
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Concave Mirror Used For?

Students first estimate the focal length by focusing the image of a distant window onto a screen and measuring the distance to the mirror. They then find it accurately by the u–v method on an optics bench, as practised in Indian schools, removing parallax between the real image and a needle and plotting the results.

The mirror also shows how the image changes as the object moves: real and inverted beyond the focus, enlarged and erect inside it — the principle behind shaving mirrors and torch reflectors. Because it concentrates light, never point it at the Sun, and hold it by the ground edges to keep the polished face clean.

What to Specify When Ordering

- Which focal length you need: 15 cm or 25 cm.
- The quantity required in each focal length.
- Whether an optical bench or mirror mounting should be quoted with the mirrors.

OEM Manufacturer

Jain S rror as th the make ered

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