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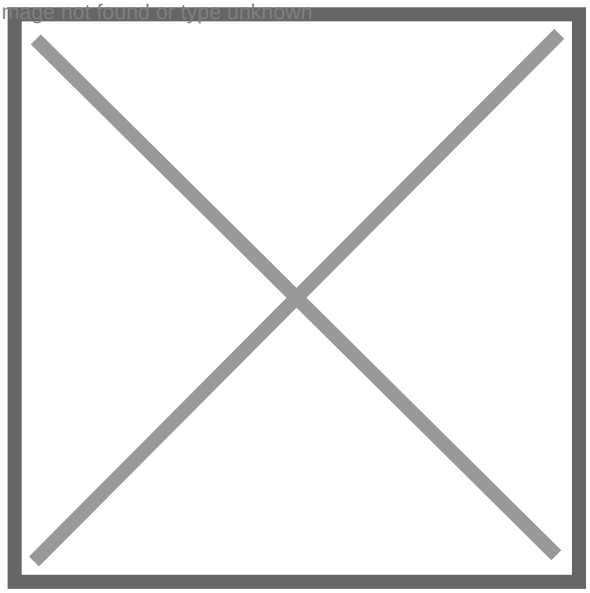
Product Name :

Concave Lens

Product Code :

SCL-398/097

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Description :

Concave Lens (Product Code: SCL-398/097) is a round glass diverging lens used to spread light rays and form upright, diminished virtual images in physics practicals. Teachers pair it with a convex lens to find its focal length, and it comes in a 2 inch diameter with exact focal lengths of10 cm, 15 cm or 20 cm. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEMmanufacturer, makes it at its own factory in Ambala, for school optics lab equipment in India.

Specifications

Parameter	Detail
Lens type	Concave (diverging)
Diameter	2 inch (approx. 51 mm)
Focal lengths offered	10 cm, 15 cm or 20 cm (exact focal length)
Material	Glass, spherical and optically worked
Shape	Round
Edges and faces	Ground edges; highly polished faces
Chemical and heat resistance	Chemical resistant; heat resistant
Intended use	Study of light principles, in the lab or at home
Product code	SCL-398/097
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Concave Lens Used For?

A concave lens never forms a real image on its own, so its focal length is measured indirectly. Students place it in contact with a convex lens of shorter focal length so the pair still throws a real image on a screen, find the combined focal length on the optical bench, and then calculate the concave lens value. The same lens shows why diverging lenses are used to correct short sight.

Label storage slots by focal length so a class does not mix up lenses when building combinations, a common problem with any convex and concave lens set used in schools. Wipe the polished faces with lens tissue after use, keep fingerprints off the optical surfaces, and store the lenses edge-down in a soft-lined box.

What to Specify When Ordering

- Focal length needed: 10 cm, 15 cm or 20 cm
- Number of concave lenses of each focal length
- Whether convex lenses of a shorter focal length are needed for the combination method
- Buyer type and delivery location (school, college, dealer or importer)

OEM

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