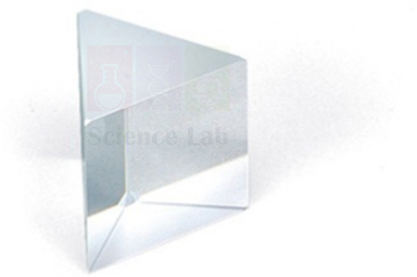
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Product Name :

Prism, Clear Glass

Product Code :

SLE/PHY/114



Email : sales@scilabexport.com
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Description :

Prism, Clear Glass (Product Code: SLE/PHY/114) is an equilateral glass prism used to show refraction, deviation and the dispersion of white light into a spectrum in school and collegephysics labs. Measuring 50 x 50 mm with 60-degree angles, it has optically worked surfaces,slightly bevelled edges and bubble-free glass. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of optics lab equipment in India, at its own factory in Ambala, as prism glass for labs across India.

Specifications

Parameter	Detail
Material	Clear glass, free from bubbles
Angles	60 x 60 x 60 degrees
Dimensions	50 x 50 mm
Surfaces	Optically worked
Edges	Slightly bevelled
Product code	SLE/PHY/114
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Clear Glass Prism Used For?

The classic school practical places the prism on a sheet of paper pinned to a drawing board, draws its outline and uses sighting pins to trace a ray through it. By repeating the tracing for several angles of incidence, students plot angle of deviation against angle of incidence and read off the minimum deviation, from which the refractive index of the glass can be calculated.

Held in a beam of sunlight or a bright white source, the same prism splits the light into a visible spectrum on a white screen, a memorable way to introduce dispersion. With a laser pointer, students can also find the angle at which light is totally internally reflected at the second face. The slightly bevelled edges make the prism comfortable to handle, but keep the working faces free of fingerprints.

OEM Manufacturer

This 60-degree prism is one of the optical items ScienceLab, the brand of Jain Scientific Equipments Private Limited, makes at its licensed factory in Saha, Ambala, Haryana, India. As the OEM, the company sells it directly to schools, colleges, dealers and importers, so quotations, class-set orders and replacement prisms are handled by the maker itself — just ask us. More about ScienceLab is on our company profile.

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