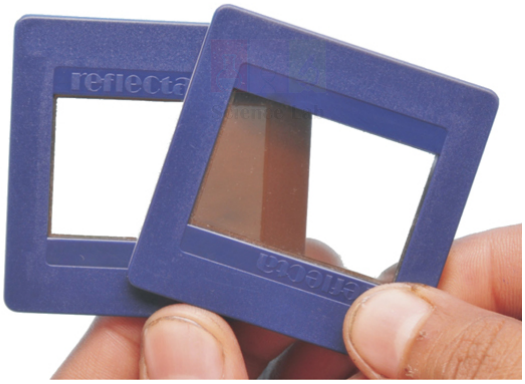
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Polaroid Slides

Product Code :

SLE/PHY/269



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

Description :

Polaroid Slides (Product Code: SLE/PHY/269) are polarising sheets mounted in square plastic slides, used to demonstrate the polarisation of light in school and college optics lessons.Teachers use them in pairs — one as the polariser and one as the analyser — so students canwatch light dim and almost disappear as one slide is turned against the other. They are suppliedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for any optics experimentkit at school level.

Key Details

Parameter	Detail
Polarising material	Polaroid sheet
Mounting	Square plastic slides
Intended use	Demonstration purposes — polarisation of light
Product code	SLE/PHY/269
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Polaroid Slides Used For?

Hold one slide up to a lamp and the light passing through is dimmed but still visible. Add a second slide in front and rotate it: the brightness rises and falls, and when the two are at right angles very little light gets through. This simple observation shows that light is a transverse wave and gives a qualitative introduction to Malus's law before any measurements are taken.

The slides also let students explore polarisation in everyday life: look through one at glare reflected from water or a glass surface at an angle, at an LCD screen as the slide is turned, or at clear plastic objects such as rulers placed between two slides to reveal stress patterns. Hold the slides by their plastic mounts, keep them away from heat and solvents, and wipe the sheets gently with a soft, dry cloth.

Supplier

These Polaroid Slides are supplied by Jain Scientific Equipments Private Limited, which trades as ScienceLab and is based in Ambala, Haryana. Schools, colleges, teacher-training institutes and dealers in India and international markets can source them together with light sources, benches and other optics items. Find out more on the ScienceLab profile.

Related Physics Lab Equipment

Items that help build a complete polarisation lesson:

- Polarizing Filter Stress Demonstrator — a large-scale unit for showing stress patterns to a whole class
- Raybox, 12V — a light source to shine through the slides
- [illegible]
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