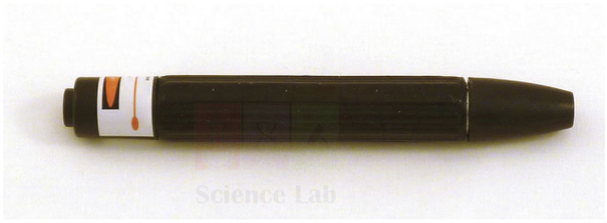
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**Product Name :**

Laser Pen, Red

**Product Code :**

SLE/PHY/107



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## Description :

**Laser Pen, Red** (Product Code: SLE/PHY/107) is a lightweight red laser pointer used for ray optics demonstrations and simple diffraction work in school and college physics labs. Teachers also use it as a presentation pointer, and its 0.5 milliwatt beam stays on after one press of the button until it is pressed again. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for users of optics lab equipment in India.

### Specifications

| Parameter | Detail |
|---|---|
| Beam colour | Red |
| Power | 0.5 milliwatts (0.5 mW) |
| Switch | Latching — press once to switch on, press again to switch off |
| Build | Lightweight pen format |
| Uses | Ray optics demonstrations, simple diffraction work, pointing on overhead images |
| Caution | Laser light — do not stare into the beam or view it directly with optical instruments |
| Product code | SLE/PHY/107 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is the Laser Pen Used For?

A narrow, bright beam makes light paths easy to see. Shone through a glass block or prism resting on paper, the red beam lets students mark incident, refracted and emerging rays; aimed at a plane mirror, it shows the angle of incidence equalling the angle of reflection. Passed through a narrow slit or a pair of slits onto a distant wall, it produces a simple diffraction or interference pattern.

Because the button latches, the pen can be laid on a support and left running while the class takes measurements, and a little chalk dust in the air makes the beam visible in flight. Always follow the caution on the listing: never look into the beam, never point it at anyone's face and keep optical instruments out of its path. Teachers should supervise its use at all times.

### Manufacturer

The Laser Pen, Red is manufactured by ScienceLab, the trade name of Jain Scientific Equipments Private Limited, Ambala, Haryana. It is manufactured for the company's customers and can be packed with prisms, lenses, mirrors and other optics items, so a school receives its whole optics order from one supplier. See our company profile for more about ScienceLab.

### Related Physics Lab Equipment

Items

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