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Product Name :

Spectroscope, Direct Vision

Product Code :

SLE/PHY/300



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Description :

Spectroscope, Direct Vision (Product Code: SLE/PHY/300) is a straight-through optical instrument used to view the spectrum of a light source by looking directly at it, in school and college physics laboratories. Teachers and students use it for the rapid examination of the spectral composition of white light sources, and it gives a bright spectrum with a dispersion of approximately 11°. As practical optics lab equipment, it is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of physics lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Instrument type	Direct-vision spectroscope
Dispersion	Approx. 11°
Slit	Variable width, adjusted by rotating the end piece
Intended use	Rapid examination of the spectral composition of white light sources
Storage case	Wooden case
Product code	SLE/PHY/300
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Direct Vision Spectroscope Used For?

A direct vision spectroscope lets a learner hold the instrument in line with a lamp and see its light spread into a band of colours, without setting up a prism table, collimator and telescope. In a lesson on light and colour, students can observe the continuous spectrum of a white source such as a filament lamp and discuss why white light contains every visible colour from red to violet.

Turn the end piece to narrow the slit when the source is bright and the colours look blurred, and open it a little for a dim source; the balance between brightness and sharpness is itself a useful teaching point. Never point the instrument at the Sun, and return it to its wooden case after the lesson so the optics stay clean. It suits school physics lab equipment lists in India where a quick, qualitative view of spectra is needed before students move on to measured work.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades under the name ScienceLab, is the OEM (original equipment manufacturer) of the Spectroscope, Direct Vision. The instrument is produced at the company's own licensed factory at Saha, Ambala, Haryana, India, and is not bought from a trader and relabelled. Schools, colleges, institutions, dealers and importers in India and international markets buy it factory-direct, and questions about replacement parts or repeat orders go straight to the manufacturer. Read more on our company profile.

Rela

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