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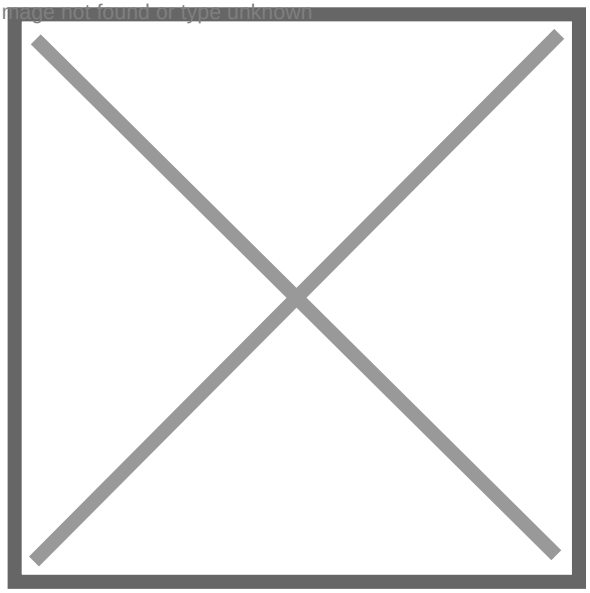
**Product Name :**

Kaleidoscope seven colours

**Product Code :**

SCI-1499/030

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# Description :

**Kaleidoscope seven colours** (Product Code: SCI-1499/030) is an optical demonstration device used to show how the seven colours of the spectrum combine, and how reflection and refraction create symmetrical patterns, in primary and secondary science classrooms. It pairs a tube kaleidoscope filled with small coloured glass pieces with a motor that spins a disc painted in the seven spectral colours. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

## Key Details

| Parameter | Detail |
|---|---|
| Purpose | Demonstration of the mixture of the seven colours of the spectrum |
| Kaleidoscope | Simple optical toy in a tube; produces symmetrical patterns by reflection/refraction of light from numerous small coloured glass pieces |
| Colour disc | Disc with the seven colours of the spectrum, rotated by a motor |
| Product code | SCI-1499/030 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

## What Is a Seven-Colour Kaleidoscope Used For?

Young learners meet two big ideas about light with this one device. Looking through the tube, they see the coloured glass pieces multiplied into repeating, symmetrical patterns by reflection, which opens a discussion about mirrors and angles. Then, when the motor spins the seven-colour disc fast enough, the separate bands blur together and the disc appears close to white, echoing Newton's discovery that white light is a mixture of the spectrum colours.

Let each pupil rotate the tube slowly and describe the changing patterns before running the disc for the whole group. Asking the class to name the seven colours in order before the disc spins, and then predicting what they will see, turns the demonstration into a short optics experiment kit activity for school science corners and early-years STEM lessons.

## OEM Manufacturer

Jain Scientific Equipments Private Limited, the company that trades as ScienceLab, is the OEM of this seven-colour kaleidoscope and makes it at its own licensed factory in Saha, Ambala, Haryana. For institutional and tender buyers who need vendor registration details, the company's GSTIN is 06AAECJ8618A1ZT and its Legal Entity Identifier is LEI 3358004HRD1JIVXKYX49. Schools, science centres, dealers and importers are quoted directly by the manufacturer. Company profile.

## Related Laboratory Equipment

Other