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

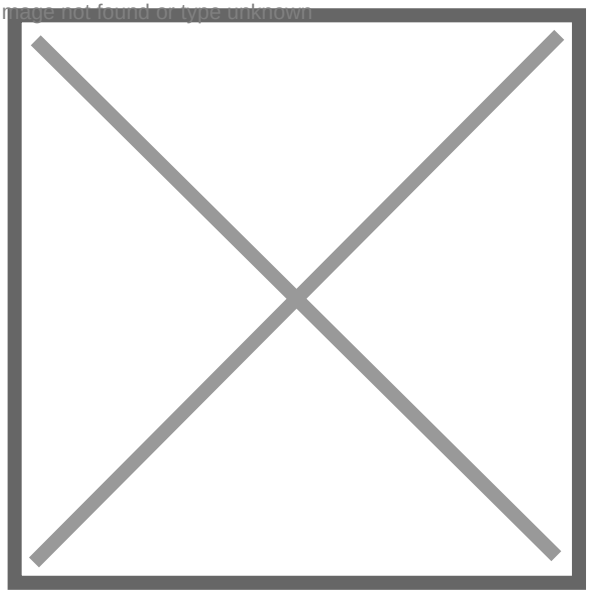
**Product Name :**

Optical Device for Color Demonstration Color Disk

**Product Code :**

SCL-337/035

Image not found or type unknown



# Description :

**Optical Device for Color Demonstration Color Disk** (Product Code: SCL-337/035) is a colour-disc demonstration apparatus used to show that white light is made up of spectral colours in school physics classes. A 200 mm disc printed with two sets of spectrum colours spins on a hand-turned rotor, while six LED bulbs, run from a mixer control box, add a light-mixing display on the 32 cm tall unit. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM scientific instruments manufacturer in India, at its own factory in Ambala.

## Specifications

| Parameter | Detail |
|---|---|
| Colour disc | 200 mm diameter, with two sets of spectrum colours; used to decompose white light |
| Drive | Rotor with a rotating handle; handle axis matches the disc axis |
| Light source | Six LED bulbs on a circular frame |
| Control | Mixer control box |
| Power | Power adapter |
| Base | Plastic, 120 x 120 mm, with rubber pins |
| Total height | 32 cm |
| Product code | SCL-337/035 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

## What Is the Color Disk Device Used For?

The device recreates Newton’s colour-disc experiment. At rest, students see the separate bands of the spectrum; when the handle spins the disc quickly, the eye can no longer separate the colours and the disc appears nearly white. The lesson is that white light is a mixture of colours — the reverse of splitting light with a prism.

The six LED bulbs, operated from the mixer control box, let the teacher show how coloured lights combine, a natural follow-on in any optics experiment for school classes on light and colour. Turn the handle steadily rather than in jerks for an even blend, dim the room lights for the LED part, and keep the disc face clean so the colours stay bright.

## OEM Manufacturer

The Color Disk device comes from Jain Scientific Equipments Private Limited, known by its trading name ScienceLab, which is the OEM (original equipment manufacturer) and assembles it at its own licensed factory at Saha, Ambala, Haryana, India. Schools and colleges, as well as dealers and importers, are supplied factory-direct, and questions about a replacement disc or powe

Rela