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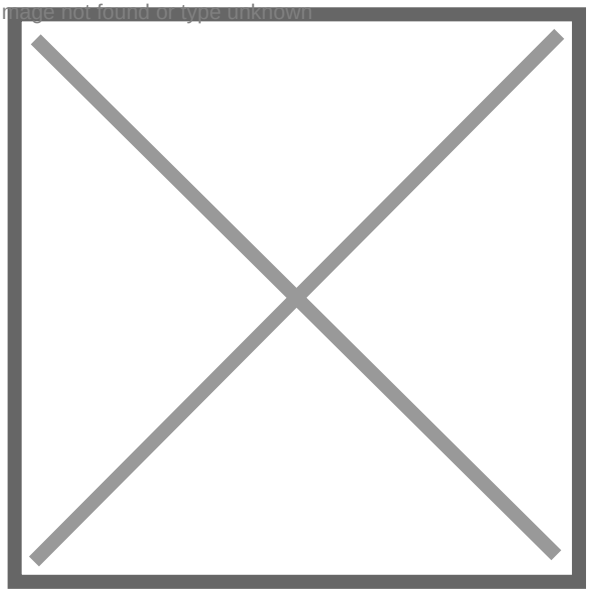
Product Name :

Newton's Colour Disc

Product Code :

SLE/PHY/261

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Description :

Newton's Colour Disc (Product Code: SLE/PHY/261) is a hand-driven rotating disc carrying the spectral colours, used to show that white light is made up of all the colours of the spectrum in school optics lessons. Teachers turn a hand wheel that drives the 180mm diameter disc througha belt, and as it spins on its metal stand the colours appear to merge into a whitish shade. It ismade by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its ownfactory in Ambala, India.

Specifications

Parameter	Detail
Disc diameter	180mm
Disc	Multi-coloured, carrying the spectral colours
Drive	Belt drive from a hand-driven wheel
Mounting	Metal stand
Demonstrates	That white light may be composed from all the spectral colours, by rotation of the disc
Product code	SLE/PHY/261
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is Newton's Colour Disc Used For?

Newton’s colour disc is the natural partner to prism dispersion. A prism splits white light into a band of colours; the disc does the reverse, recombining them. When it spins fast enough, the eye can no longer separate the coloured sectors (persistence of vision), so they blend into a pale, near-white colour. It is a quick, memorable addition to any optics experiment kit for school classes.

Show the disc at rest first so students can name the colours, then turn the wheel steadily and build up speed rather than jerking it. Bright, white room light gives the clearest effect. Use the moment to discuss why the spinning disc looks greyish-white rather than pure white: coloured surfaces reflect only part of the light that falls on them. Keep the belt free of oil so the drive does not slip.

OEM Manufacturer

Jain Scientific Equipments Private Limited trades as ScienceLab and is the OEM (original equipment manufacturer) of Newton’s Colour Disc, making it at its licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, institutions, dealers and importers buy it factory-direct, and questions about a replacement belt or other spare parts go to the manufacturer itself — just ask us.

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