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Product Name :

Gyroscope

Product Code :

SLE/PHY/184



Description :

Gyroscope (Product Code: SLE/PHY/184) is a spinning-wheel demonstration instrument used to show gyroscopic stability, precession and angular momentum in school and college mechanics lessons. This simple gyroscope keeps running for more than five minutes once set in motion, giving a whole class time to watch how it behaves. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as part of its mechanics lab equipment range.

Key Details

Parameter	Detail
Type	Simple demonstration gyroscope
Run time	More than five minutes once set in motion
Product code	SLE/PHY/184
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Classroom Gyroscope Used For?

A fast-spinning gyroscope resists any attempt to tilt its axis. Supported at one end, it does not simply topple over; instead its axis swings slowly around the support, an effect called precession. As a demonstration model for the physics lab, it makes angular momentum visible and links classroom theory to bicycles, spinning tops, navigation instruments and spacecraft orientation.

Because this gyroscope runs for more than five minutes, students have time to observe how its steadiness changes as the wheel gradually slows, and to time the precession at different stages. Spin it up fully before each demonstration, keep the wheel and bearings free of dust, and store it where the axle cannot be knocked.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of this gyroscope and produces it at the company's licensed factory at Saha, Ambala, Haryana, India.

Schools, colleges, institutional buyers and distributors in India and international markets buy it factory-direct, so questions about repeat orders or replacement parts go straight to the people who make it — just ask us. More about the company is on the ScienceLab profile.

Related Physics Lab Equipment

These items support gyroscope and rotational-motion lessons:

- Gyroscope Experiment Manual — an engineering-lab gyroscope set-up for higher-level
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