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Product Name :

Dynamics Trolley, Wooden

Product Code :

SLE/PHY/161



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Description :

Dynamics Trolley, Wooden (Product Code: SLE/PHY/161) is a pair of 300 mm long wooden trolleys on three wheels, used to demonstrate impulse, recoil and momentum in school physics lessons. A spring-loaded rod is fitted to give an impulse when released, which is used to drive the two trolleys apart in simple recoil experiments. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Material	Wooden
Supplied as	A pair of trolleys
Length	300 mm
Wheels	Mounted on three wheels
Impulse mechanism	Spring-loaded rod that gives an impulse when released
Product code	SLE/PHY/161
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Wooden Dynamics Trolley Used For?

The classic use is the recoil or "explosion" experiment. The two trolleys are placed end to end, the spring-loaded rod is set, and on release the trolleys shoot apart in opposite directions. With equal loads they travel roughly equal distances; add extra mass to one and it moves off more slowly, which gives students a clear, hands-on feel for Newton's third law and conservation of momentum.

Because the pair is simple to set up, it suits younger classes meeting forces and motion for the first time, before they move on to ticker-timer measurements. Keep the wooden trolleys dry, store them flat and check that the wheels turn freely before each lesson. The set is a straightforward addition to physics lab equipment for schools in India and overseas.

What to Specify When Ordering

- Number of pairs required — the trolleys come as a pair.
- Masses for loading one trolley in unequal-mass recoil experiments.
- Whether plastic trolleys or the full dynamics kit with track and timer should be quoted as well.

OEM Manufacturer

The wooden Dynamics Trolley pair is made by Jain Scientific Equipments Private Limited, the company behind the ScienceLab brand, as OEM (original equipment manufacturer) at its own licens tory-direct ne make ur