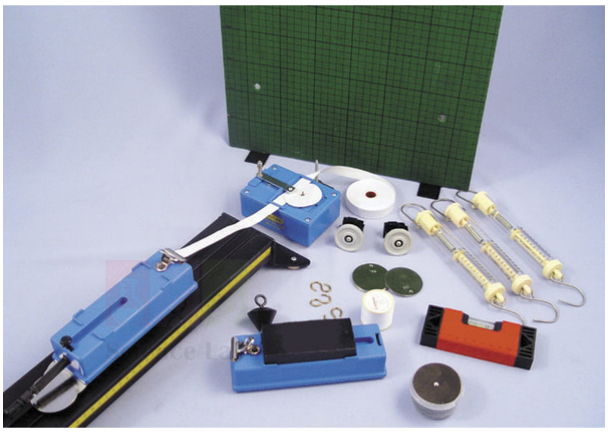
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Product Name :

Force, Motion & Dynamics Kit

Product Code :

SLE/PHY/125



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Description :

Force, Motion & Dynamics Kit (Product Code: SLE/PHY/125) is a trolley-and-bench system used to investigate forces, acceleration, collisions and kinetic energy in school physics laboratories. At its centre is a rigid 1.2 m aluminium profiled bench with a built-in scale, worked with two 740 g low-friction trolleys, a 6V AC ticker tape timer and a force board with pulleys and spring balances. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Bench	Aluminium profiled bench, 1.2 m, rigid construction, with built-in scale
Trolleys	1 spring-loaded trolley and 1 standard trolley, each 740 g, lowfriction
Added mass	Trolley weight (brick), 500 g; 10 x 10 g masses with securing hole
Timer	Ticker tape timer, 6V AC operation
Timer consumables	100 carbon discs; 5 ticker tape rolls, 30 m length
Force board	With legs for bench mounting; 2 pulleys with integral clamp, reel of cotton, 3 hooks, pendulum bob
Spring balances	3 x 10N/1kg, beige
Set-up aid	Line level for setting up the bench
Product code	SLE/PHY/125
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

Full contents of the kit:

- 1 x Aluminium Profiled Bench, 1.2 m rigid construction
- 1 x Spring Loaded Trolley, 740 g low friction trolley
- 1 x Standard Trolley, 740 g low friction trolley
- 1 x Trolley Weight (brick), 500 g for additional mass
- 10 x 10 g Masses, with securing hole
- 1 x Ticker Tape Timer, 6V AC operation
- 1 x Line Level, for setting up bench
- 1 x Force Board, with legs for bench mounting
- 2 x Pulleys, with integral clamp for force board
- 1 x Reel of Cotton, accessory for force board
- 3 x Hooks, accessory for force board
- 1 x Pendulum Bob, accessory for force board
- 3 x Spring Balances, 10N/1kg, beige
- 100 x Carbon discs, for ticker tape timer
- 5 x Ticker Tape Rolls, 30 m length

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