

 ${\bf Email: sales@scilabexport.com}$

Phone: +91-7082934803

Product Name:

Force, Motion & Dynamics Kit

Product Code:

SLE/PHY/125





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Description:

The system provides a highly motivational approach to conducting dynamics experiments. This apparatus comprises a high quality aluminium profile bench with a built in scale to make a variety of measurements.

Investigate the effect of different accelerating forces on different masses, elastic and inelastic collisions between two trolleys, acceleration on an inclined plane, kinetic energy and many more.

Contents:

- 1 x Aluminium Profiled Bench, 1.2m rigid construction
- 1 x Spring Loaded Trolley, 740g low friction trolley
- 1 x Standard Trolley, 740g low friction trolley
- 1 x Trolley Weight (brick), 500g for additional mass
- 10 x 10g 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, 30m length

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