

1. Lascells G by Free Fall

Use in conjunction with an accurate millisecond timer to calculate acceleration due to gravity. The timer starts when the ball bearing is released from the release unit, the base has an integral vibration sensor which stops the clock as the ball bearing hits the impact plate. Replace the ball bearing, reset the timer and the unit is ready to go again. Supplied with: base, release unit, 12mm ball bearing, 8mm ball bearing and full instructions.

Features:

- Easy setup with integral vibration sensor
- No power required for millisecond timers with de-bounced inputs
- Two ball bearings allowing comparison of different masses
- Over-moulded rubber landing plate
- Integrated de-bounce circuitry to add 4s delay to outputs (9V DC required)

Code	Pack	Price
PY5078	Each	£54.49

2. Dynamics Trolleys

Body of the cart is mounted on set of three low-friction nylon wheels to produce straight travel over long distances. Lockable spring-load punch has two levels of compression, activated by trigger knob on cart top. Cushioned cart surface enables the addition of more masses to increase effective weight of cart. Carts are able to be stacked, creating a single cart of two or three times the basic mass. Velcro pads are attached to the rear to enable study of inelastic collisions.

Set includes: 2 x dynamic carts. These carts are made of a single-piece of virtually unbreakable ABS.

- Weight: 3.8lb
- Dimensions (H x L x W): 7 x 30 x 13cm

Code	Pack	Price
251-400	Pair	£45.93

3. Dynamics Trolleys

300mm long mounted dynamics trolleys on three wheels. A spring loaded rod is fitted to give impulse when released. It has a provision for stacking the trolleys on top of each other and fixing with removable pins. Supplied complete with 4 pins (for stacking).

Code	Pack	Price
★ EDU041	Pair	£39.24

4. Lascells Hardwood Dynamics Trolley

Traditional hardwood trolley on three double row ball bearing wheels for exceptional free running. Wheels are set back from main body of chassis to reduce the chance of collision damage and a flat top is provided to allow the trolleys to be stacked in order to double mass. Dimensions: 260 x 100 x 60mm.

Code	Pack	Price
PY3062	Each	£52.73

