



## 1. Interrupt Card Set

The Interrupt card set consists of 3 cards for use with light gates.

- A single interrupt card – 100 x 100mm black plastic square
- A double interrupt card – 180 x 80mm made from clear polycarbonate, printed with two black stripes
- A multi-segmented interrupt card (also known as a picket fence) – 500 x 55mm made of clear polycarbonate, printed with twelve black stripes

Applications include:

- Picket fence for investigating gravity
- Other interrupt cards for time, velocity and acceleration

Code	Pack	Price
LOG3531	Each	£23.00

## 2. Dynamics System

This self-assembled, matt black anodised 1.2m aluminium incline track and support pillar comes with a low friction cart with its interrupt card and various brackets to form a high quality modular dynamics track. Sensors are aligned easily to give reliable, repeatable accurate results. Designed for use with light gates, motion sensor, rotary motion sensor, spoked pulley, force sensor, laser module and light level sensors.

The dynamics system contains:

- 1 x 120cm aluminium track
- 1 x 80cm vertical pillar and base
- 1 x low friction cart
- 1 x interrupt card for top of cart
- 1 x end reflector card
- 1 x spoked pulley
- Large and thin brackets
- Bolts, screws and wing nuts

Suitable for the following experiments:

- Motion - time, velocity, acceleration, friction
- Newton's 2nd law
- Forces
- Impulse
- Free fall
- Atwood's machine
- Pendulum

Code	Pack	Price
LOG3525	Each	£219.00

## 3. Dissolved Oxygen Sensor Pack

This pack contains both the oxygen adaptor and the electrode. The sensor measures dissolved oxygen levels in water. It has built-in automatic temperature compensation.

Ideal for field studies and measuring oxygen levels around photosynthesising aquatic plants.

- Range: 0 to 125% DO<sub>2</sub> saturation

Applications include:

- Photosynthesis
- Ecosystem monitoring
- The effect of temperature on O<sub>2</sub> levels
- Water quality

Code	Description	Pack	Price
LOG3138	Oxygen pack	Each	£193.63
LOG3132	Oxygen adaptor	Each	£65.39
LOG3135	Oxygen electrode	Each	£149.56

