1 DATA HARVEST 5 YEARS




## 1. Bluetooth Wireless Humidity Sensor

The warmer the air is, the more water vapour it can 'hold'. Humidity is an expression used to describe the amount of water vapour present in air. This sensor measures water vapour content relative to the ambient temperature.

| Code | Pack | Price |
|---|---|---|
| LOG3092 | Each | £139.00 |

2 DATA HARVEST 5 YEARS




## 2. Bluetooth Wireless Acceleration 3-Axis Sensor

An accelerometer is an electromechanical device that will measure acceleration forces. These forces may be static, like the constant force of gravity pulling at your feet, or dynamic - caused by moving or vibrating the accelerometer. The accelerometer sensor is also able to detect the magnitude and direction of acceleration.

| Code | Pack | Price |
|---|---|---|
| LOG3080 | Each | £139.00 |

3 DATA HARVEST 5 YEARS

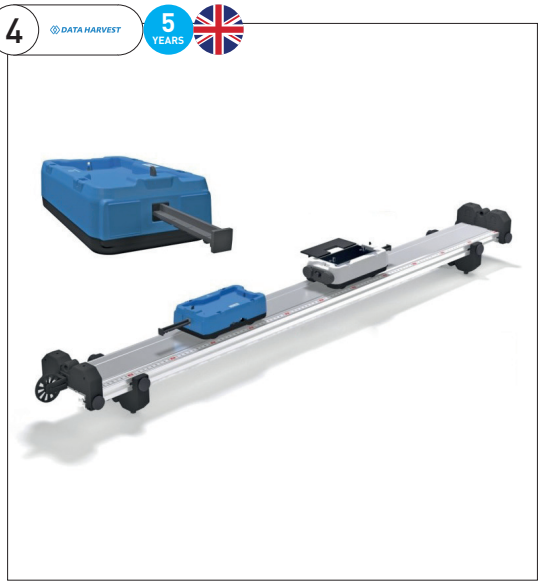



## 3. Bluetooth Wireless Charge Sensor

The charge sensor can be used in many electrostatic experiments to measure the charge on a source when it's very small. It can replace a traditional gold leaf electroscope by showing not only the charge polarity (positive or negative) but also the quantity of charge. In addition the sensor can function as a high-resistance accurate voltmeter to measure the potential difference between two points.

| Code | Pack | Price |
|---|---|---|
| LOG3076 | Each | £159.00 |

4 DATA HARVEST 5 YEARS



## 4. Smart Wireless Dynamics System

The dynamics system provides an ideal way of investigating all types of mechanics work for GCSE & A level studies, enabling you to achieve accurate and repeatable results.

Includes:
Dynamics track 1.2m in length, constructed from extruded aluminium. Wireless smart carts which are Bluetooth enabled with built-in, spring loaded, 3 stop plunger to provide a graded set of constant force.

Cart features: force sensor ± 100N, 3 axis accelerometer ± 2000dps & optical encoder on the wheel to 0.1mm. Also supplied with 2 end stops that house two magnets and connections to attach & line feed to the included spoked pulley accessory, 2 height and slide adjustable feet, and an interrupt card.

| Code | Description | Pack | Price |
|---|---|---|---|
| LOG1302 | Dynamics system | Each | £757.00 |
| LOG3534 | Cart | Each | £90.00 |