1. Bluetooth Wireless Force Sensor Accelerometer

This sensor is a combination of both a force sensor and 3 axis accelerometer. The force range measures compression and extension forces applied. Supplied with a clamping screw for attaching to a stand or the dynamics system, a hook for simple harmonic motion investigations and bungee jumping, stops for investigating a carts collision with the sensor. Finger grips form part of the sensor, perfect for muscle fatigue testing. The sensor includes a 3 axis accelerometer that measures acceleration force, both static and dynamic and a 3-axis gyroscope for applications where a high performance angular motion sensor is needed.

Ranges:
- ±100N
- 3 axis accelerometer
- 3 axis gyroscope

Code	Pack	Price
LOG3040	Each	£181.00



2. Bluetooth Wireless Gas Pressure Sensor - Absolute

Absolute gas pressure sensor (one port) that measures the total pressure on a system. When the single port is left open the sensor will measure atmospheric pressure.

- Range: 400kPa absolute

Code	Description	Pack	Price
LOG3020	Gas pressure sensor - absolute	Each	£139.00
1149	Gas pressure accessory pack	Each	£30.00



3. Bluetooth Wireless Gas Pressure Sensor - Differential

Differential gas pressure sensor (two ports) that measures the difference in pressure between the two ports. If one port is left open the measurement will be relative to atmospheric value.

- Range: 25kPa

Code	Description	Pack	Price
LOG3022	Gas pressure sensor - differential	Each	£139.00
1149	Gas pressure accessory pack	Each	£30.00



4. Bluetooth Wireless Infra Red Sensor

Leslie's cube, insulation, heat along a metal rod, Hershel's discovery, Stefan-Boltzmann law, residual heat, efficiency of filament lamps, warm and cold-blooded animals, human body heat-loss and disaster victims are just some of the investigations which can be done with this sensor.

Being wireless allows pupils to investigate the IR coming from surfaces inside and out e.g. when looking at heat-loss from buildings and comparing results from their own insulation experiments. It also allows a demonstration such as Leslie's cube to be set up anywhere in the laboratory.

Code	Pack	Price
LOG1296	Each	£169.00

