

1. Bluetooth Wireless Conductivity Pack

The conductivity sensor is used to measure the conductivity of a solution. For most water solutions, the higher the concentration of dissolved salts, and therefore more ions, the higher the conductivity. Low conductivity will indicate an absence of ions and therefore purity of water. The conductivity adaptor must be used together with a conductivity electrode, this pack combines these two products which can also be purchased separately.

Code	Pack	Price
LOG3086	Each	£169.00

2. Bluetooth Wireless Geiger-Müller Sensor

A highly engaging tool to help understand the very basics of radioactivity. Durable yet highly practical, this sensor brings both physics and chemistry into a single package. Can be combined with other sensors to give more sophisticated measurement sets.

Possible activities include:

- Time dependency of atomic decay
- The effect of blocking particles and "half-thickness" studies
- The inverse square law for radioactive spatial distribution
- Effect of external (environmental factors) on radioactive decay
- Naturally occurring radioactive sources
- Radon build up and the environment

Code	Pack	Price
LOG0020	Each	£295.00

3. Bluetooth Wireless Oxygen in Air Sensor

This can be used to measure how the amount of O_2 varies in the classroom, and the variation of the rate of production in photosynthesis and respiration of small organisms such as microbes and maggots. Particularly useful with the wireless CO_2 sensor, the gaseous exchange of a burning candle in a bell-jar can be measured, and with no wires to attach it is much easier. A Nalgene bottle, into which it fits, is included to create a contained environment for study of plants and small animals. For gaseous use only - not for use in water.

Code	Pack	Price
LOG1300	Each	£299.00

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