1. pH Sensor Pack



The pH adaptor and general pH electrode combine to form the immensely popular SmartQ pH sensor pack. The SmartQ pH sensor has both a pre-set calibration range (so the sensor is ready for immediate use) and a user calibration range. The electrode in this pack is a general purpose plastic bodied glass non-refillable electrode, suitable for most investigations.

- Range: 0 to 14pH

Applications include:

Chemistry:
- Testing acids and alkalis
- Acid-base titrations
- Acid-rain

Biology:
- Enzyme action
- Respiration

Environment:
- Water quality

Code	Description	Pack	Price
LOG3234	pH pack	Each	£118.00
LOG3228	pH adaptor	Each	£68.00
LOG3231	pH glass electrode	Each	£50.00

2. Light Level Sensor



This 5 range sensor cleverly measures light levels from 0 through to 100,000 Lux.

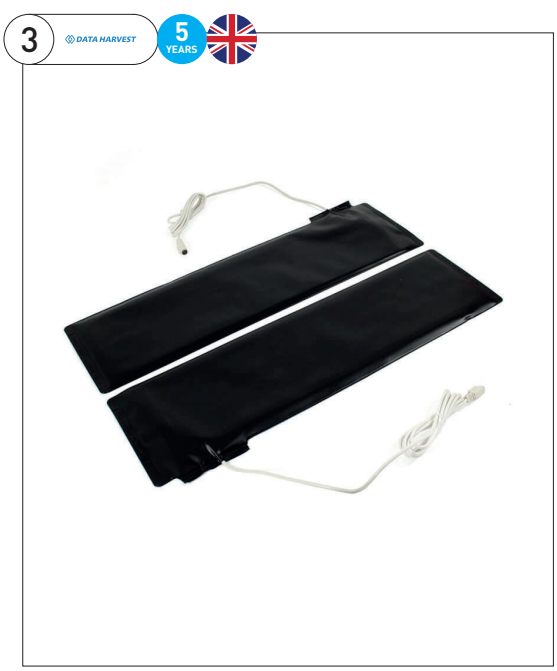
Four of the ranges are for general purpose use as they have filtering incorporated to eliminate the unwanted effects of modulation from room lighting (50Hz).

The fast response range has no filtering and will clearly show the modulation on an incandescent or fluorescent light. Point the sensor at a computer monitor to observe its refresh time.

Applications include:
- Centripetal force in a pendulum
- Inverse square law
- Environmental monitoring
- Colorimeter experiments
- Yeast growth
- Absorption of light
- AC modulation

Code	Pack	Price
LOG3120	Each	£79.00

3. Timing Mats



These mats (regular 59 x 17cm; large 72 x 39cm) are on/off switches, and are activated by stepping onto them; one mat starts the timer, the other stops the timer. A favourite activity for younger children is to find out how long they can stay in the air when they jump.

Applications include:
- How long can I stay in the air when I jump?
- How fast can I hop, walk and run?
- How many jumps can I do in a minute?

Code	Description	Pack	Price
LOG3276	Regular	Pair	£65.00
LOG3279	Large	Pair	£65.00