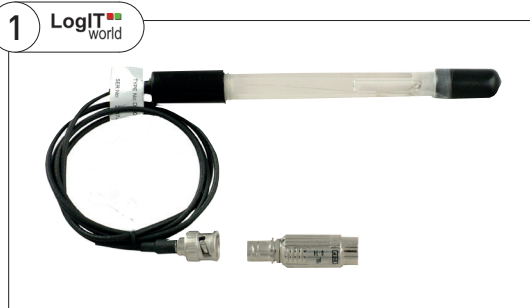


1. pH Electrode & Sensor

A high quality pH probe which is specifically designed for use by students. It has a robust body and a plastic protector for the glass bulb at the sensors end. Supplied with pH amplifier that allows most standard pH probes to be used directly with LogIT systems. A BNC socket is fitted for connection to most standard probes.

Applications: rates of reaction (e.g. souring of wine or in yoghurt making), environmental monitoring, acid based titration, interaction between acids and alkalis (e.g. indigestion tablets).

Code	Description	Pack	Price
LOG6128	pH electrode & sensor	Each	£98.94
LOG6132	pH electrode and sensor, adjustable	Each	£119.96
LOG6124	pH electrode only	Each	£53.13



2. Dissolved Oxygen Sensor

The latest version of the LogIT dissolved oxygen probe has automatic temperature compensation and does not require a battery. The membrane is polarised by an internal rechargeable cell charged from the datalogger. The unit is fitted with a 1m cable.

- Range: 0 - 200% saturation (resolution 1%)
- Nominal accuracy: ±7%

Applications: effect of temperature change on respiration rates (e.g. locusts, yeast or maggots), oxygen in fermentation, oxygen content in exhaled air, oxygen levels in ponds in relation to depths and photosynthesis

Code	Pack	Price
LOG6136	Each	£295.50



3. Carbon Dioxide Sensor

A versatile and compact sensor for measuring gaseous carbon dioxide.

- Range: 0 to 1000ppm – standard range
- Range: 0 to 10,000ppm – software range
- Nominal accuracy: ±3%

Applications: photosynthesis, environmental studies, chemical reactions

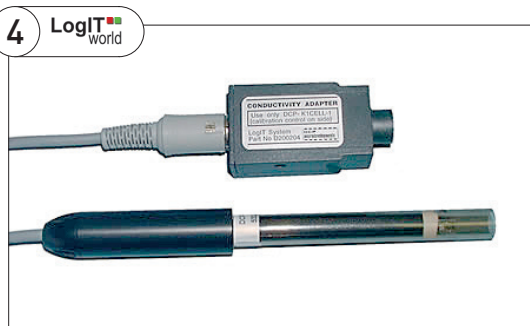
Code	Pack	Price
LOG6140	Each	£303.55



4. Conductivity Sensor

Range 100 - 20,000µS.

Code	Pack	Price
LOG6142	Each	£194.95



5. Colorimeter Sensor

The LogIT colorimeter is an easy to use sensor which has a three colour solid-state LED light source of known red, green and blue bandwidths which are passed through the sample and measured by a visible light level sensor.

- Range:
 - Transmittance range: typically 0.0 to 110.0%T
 - Absorbance range: 0.05 to 1.05Abs

Applications: the basic principle of colorimetry is to measure the absorbance of a coloured solution to different colours of light shone through it as this has a direct relationship with its mole concentration (e.g. Beer's law and Lambert's law).

Code	Pack	Price
LOG6166	Each	£121.43

