1 LogIT world



## 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** |

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## 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** |

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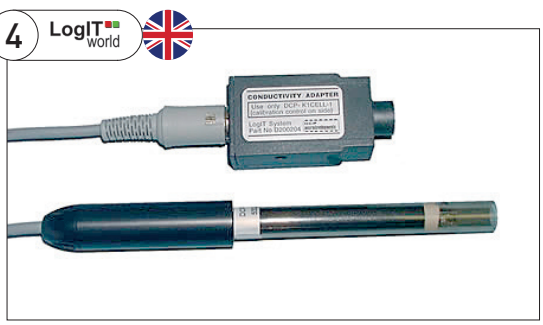
## 3. Carbon Dioxide Sensor

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** |

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## 4. Conductivity Sensor

Range 100 - 20,000µS.

| Code | Pack | Price |
|---|---|---|
| **LOG6142** | Each | **£194.95** |