1 DATA HARVEST 5 YEARS



1. Bluetooth Wireless Dissolved Oxygen Sensor

The oxygen sensor uses an electrode of the polarographic (Clark cell) type. This electrode is used in combination with the oxygen adaptor to form the dissolved oxygen sensor for measuring oxygen levels in water. The anode and cathode are immersed in electrolyte and separated from the sample by a semi-permeable membrane. The oxygen permeability of the membrane is temperature dependent. This variation in permeability is automatically compensated by a temperature compensation thermistor over the 5 to 45°C operating range.

Code	Pack	Price
LOG3098	Each	£335.00

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2. Bluetooth Wireless Spirometer Sensor

The spirometer measures air flow by pressure drop across a reference flow resistance whilst the user breathes. It is portable, small, compact and needs no special gases or water. The spirometer sensor comes complete with a starter pack of 4 filters, a circular mouth guard and nose clip. One filter is left fixed as a pressure divider, the other three are for use by test subjects. For educational / demonstration use. Not suitable as a diagnostic tool or for medical use.

Code	Description	Pack	Price
LOG3100	Spirometer sensor	Each	£289.00
LOG3468	Replacement filters	10	£30.00

3 DATA HARVEST 5 YEARS



3. Bluetooth Wireless Drop and Bubble Counter Sensor

The drop & bubble counter is perfect for highly accurate automated titrations. It can be used to count either drops of fluid falling from a dropping device e.g. during a titration, or bubbles rising through fluid in a column. The counter makes use of an infrared beam which when interrupted (e.g. by a drop or bubble) creates a digital signal that is counted. A red LED indicator will blink as a drop or bubble passes. There is a small button close to the indicator that can be pressed to reset a count to zero.

Code	Pack	Price
LOG3094	Each	£159.00

Cole-Parmer Heating Mantle

Quickly and safely heat round-bottom flasks to 450°C.



See page 465