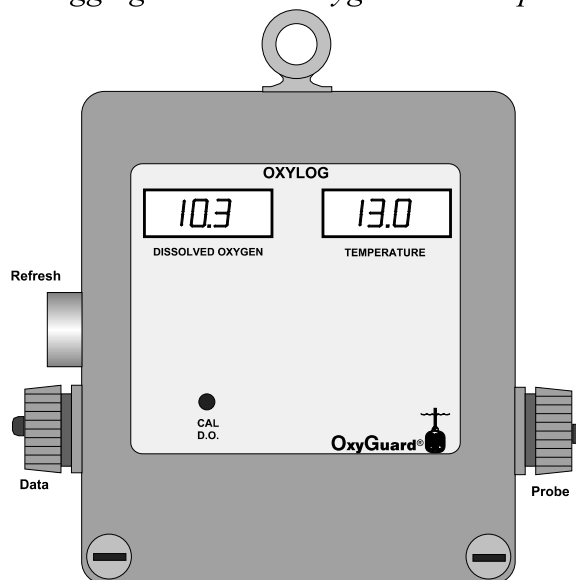


OxyGuard OxyLog

For Measuring and Logging Dissolved Oxygen and Temperature

The OxyGuard OxyLog is a compact instrument for stand-alone metering and datalogging of one dissolved oxygen and one temperature measurement. It is housed in a rugged enclosure and is fitted with a combined DO and temperature probe. There is a display for each parameter.

The OxyLog is configured by connecting it to a PC running the OxyLog software under Windows. Measurements recorded in the OxyLog are easily transferred to the PC for storage and analysis, or for transfer to most popular spread sheets.



The probe is the tried and tested **OxyGuard** dissolved oxygen probe - the world's best-selling DO probe, here with combined temperature sensor. Rugged, durable, relatively insensitive to deposits on its membrane, and with negligible maintenance needs, the probe is ideal to be left in the field for extended periods of time.

A watertight enclosure with a clear watertight cover houses the electronics, with displays for dissolved oxygen and for temperature. Just connect a cable between the OxyLog and the COM port of a PC for data retrieval, configuration or here-and-now observation of conditions at the measurement site. Up to 7500 dissolved oxygen measurements and 7500 temperature measurements can be recorded, giving 52 days of data recording at once every ten minutes! An extended memory version is available with 2 x 30000 records.

Set-up and data observation, including graphing, averaging etc., is easy with the OxyLog software, that runs under Windows. For further treatment data can be transferred to a spreadsheet in a matter of moments.

Specifications

Probe:	Membrane covered galvanic cell, self-polarizing, with temperature sensor. Operating temperature 0 to +40°C, standard cable length 10 m, other on request.
Measuring ranges:	0-200% sat., 0 to + 40°C
Resolution:	0.1 %, 0.2°C
Displays:	2 x LCD display, digit height 12 mm
Encapsulation:	IP 65
Operating temperature:	-20 to +60°C
Dimensions:	200 mm x 120 mm x 100 mm (WxHxD)
Data Capacity:	2 x 7500 readings in non-volatile memory. Optional 2 x 30000 readings.
Log rate:	Programmable.
Battery life time:	Electronics 6 months, data logger 5 years.

Ordering Information

OxyLog with software and 15K memory: B021

OxyLog with software and 60K memory: B022

Standard Accessories: Membranes O-rings Electrolyte
User Manual Software