

# DISSOLVED OXYGEN SENSOR



## **MULTI**

- Flexible – choice of portable or stationary central units
- Flexible – choice of optical or electrochemical electrodes
- High quality stainless steel execution
- Long term stability and long maintenance intervals

## OXYDUO

The Oxyduo is a portable oxygen meter designed to measure oxygen levels in aeration basins etc in water and wastewater plants, as well as in other facilities. It is possible to set two different levels for high and low alarms.

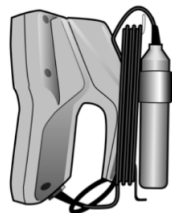
It is able to store up to 250 measurements with information about time, date and location that may be named by the user. Each location will contain data, oxygen level and temperature that applied for the specific measurement sample.

### TECHNICAL SPECIFICATIONS

Function	Dissolved oxygen
Measuring principle	Optical or electro chemical
Measuring range	0 to 20 mg/l (ppm)
Accuracy	<b>Optical:</b> +/- 0,1 mg/l O <sub>2</sub> < 5 mg/l, +/- 0,2 mg/l O <sub>2</sub> > 5 mg/l. <b>Electrochemical:</b> +/- 1 % of chosen range.
Type of Measurement	Continuous
Number of Detectable Levels	Two (High and low alarm)
Measuring units	mg/l, g/l, ppm, %
Maximum depth	12 m (36 ft)
Signal at Preset Alarm Values	Acoustic, Vibration, Display
Temperature Range - Liquid	0 – +50°C (+32 - 122°F)
Sensor Body	Stainless Steel
Cable Hook	Stainless Steel, included
Cable	PUR, Shielded
Cable Fitting	MatchClamp™
Weight Sensor	450g (1 lb)
Dimensions Sensor Body	145 mm x 32 mm Ø (5.7"x1.26"Ø)
Cable Length	4 m (13'), 8 m (26 ft), or 12 m (36 ft)
Enclosure Sensor Body	IP68 (NEMA 7)



Hand unit    Sensor with cable



Sensor attached to hand unit

### MULTI-SERIES

Oxyduo is one of the sensors in the Multi-series. Please note that this is a new range of sensors and central units which are not compatible with the classic X-range of Cerlic sensors. The Multi-series also includes sen-

sors for sludge blanket and suspended solids. There are both a portable and a stationary central unit to choose from. The Multi-series is flexible and cost effective.



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