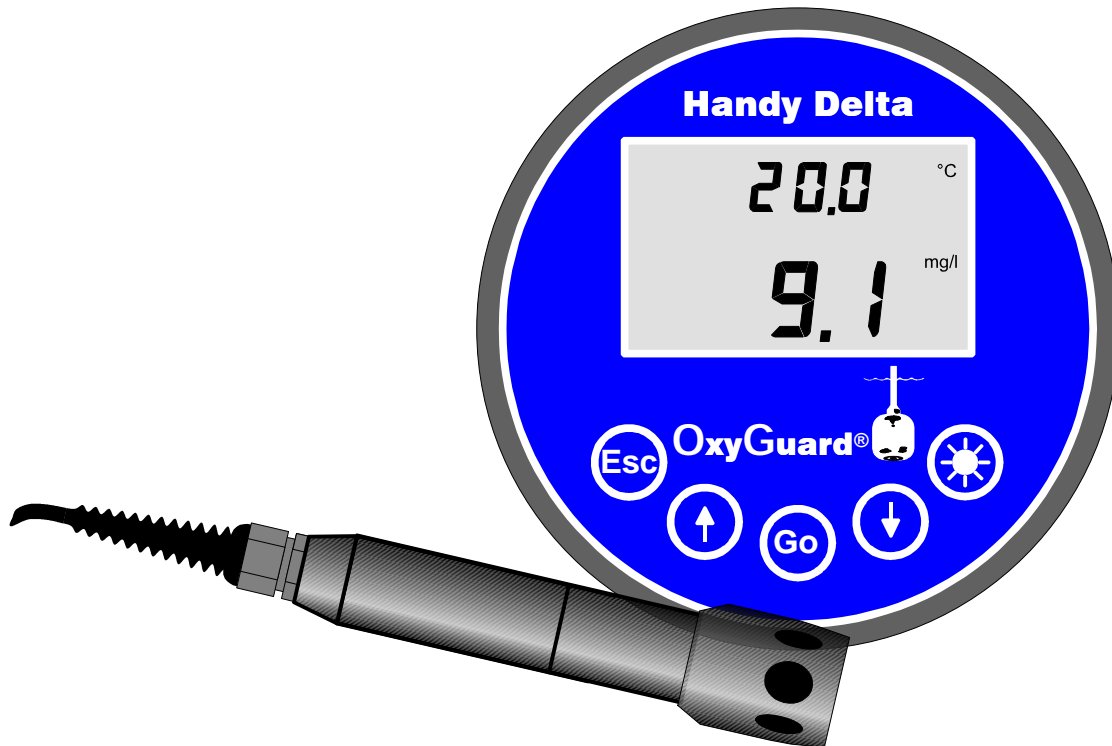


# OxyGuard Handy Delta Portable DO Meter

*Pocket size Oxygen Meter with Data Logging and Automatic Calibration*



**The Handy Delta is the new flagship of the Handy line. The Handy range of pocket size instruments has already set new standards for hand held oxygen meters by combining OxyGuard know-how, reliability and ease of use with a new design concept. The Handy Delta adds the facilities a microprocessor can provide - data logging, automatic calibration, atmospheric pressure compensation and comprehensive display. The result is probably the best Handy ever made.**

- Easy to use:** Cylindrical design lies easy in the hand.  
Flat foil pushbuttons - no protruding controls.  
Easy menu operation.  
OxyGuard technology - always ready for immediate measurement.  
Illuminated display.  
Clip for easy fixing to your belt or note board.
- Versatile:** Automatic calibration, data logging , pressure compensation.
- Waterproof:** Will survive being dropped into the water!
- Strong:** The casing is machined from a solid block of POM.

## Unique in Design, Unique in Performance!

# Technical Information

## Technical Advantages

- \* Automatic calibration with stability check.
- \* Data logging - one-off or time interval.
- \* Compensates for changes in atmospheric pressure
- \* Simple microprocessor operation!
- \* Lies well in the hand with no protruding knobs - has easy to use flat foil pushbuttons
- \* Waterproof - floats - can be used in all kinds of weather!
- \* Galvanic type probe with no warm up time - it is always ready for use.
- \* Fully temperature compensated - no dials to set.
- \* Remarkably short response time.
- \* Probe stores dry - easy to use and store, and easy to obtain a quick and reliable calibration.
- \* Excellent long-term stability - one daily calibration check is more than enough.
- \* Tough membrane - can be wiped clean with cloth or paper.
- \* Probe does not need regular service or renovation.
- \* Runs for more than 1000 hours on standard 9V battery.
- \* Illuminated display .
- \* Special highly flexible cable.

## Specifications

Parameters:	ppm (mg/l), % saturation, temperature, barometric pressure, time and date, salinity compensation, illuminated display.
Probe Type:	Galvanic cell, self polarizing, self temperature compensating.
Cable Length:	Standard 3 m. Any length available on request.
Operating Conditions:	Probe: 0 to 50EC, meter -20 to +60°C.
Measuring Range:	Depends on probe. Standard: 0-50.0 ppm (mg/l) and 0-600% saturation. Temperature -5 to +50°C
Accuracy:	Depends on calibration accuracy. Typically better than +/- 1% of measured value +/- 1 digit within the standard measuring range.
Repeatability:	Typically better than +/- 0.5% of measured value.
Response Time:	90% of end value in less than 10 seconds.
Accuracy, Temperature:	+/- 0.2EC.
Accuracy, Pressure:	+/- 1 millibar.
Salinity Compensation:	0-50 ppt salinity. Set manually using pushbuttons.
Dimensions:	96 mm diameter x 36 mm + belt clip (if used).
Data Logging:	Manual (event) or automatic (time interval, from 2 to 60 minute intervals).
Memory Capacity:	52 sets of four parameters (mg/l, % sat, temperature and barometric pressure).
Standard Accessories:	Spare membrane cap, membranes, electrolyte and storage pouch.

## Ordering Information

H01D: Handy Delta supplied with standard accessories.

### Spares

H10ACC: Accessory kit: membrane cap, 5 membranes & O-rings, 50 ml electrolyte and tool.

D10E1500:	500 ml electrolyte.
D10E11L:	1 liter electrolyte.
H10MEM:	Membrane kit: 25 membranes & O-rings.
H10CAP:	Membrane cap with membrane.
H01XC1:	Extra cable per meter.
H10PC:	Probe protection cap.
H10PO:	Pouch.
H10TOOL:	Membrane installation tool.