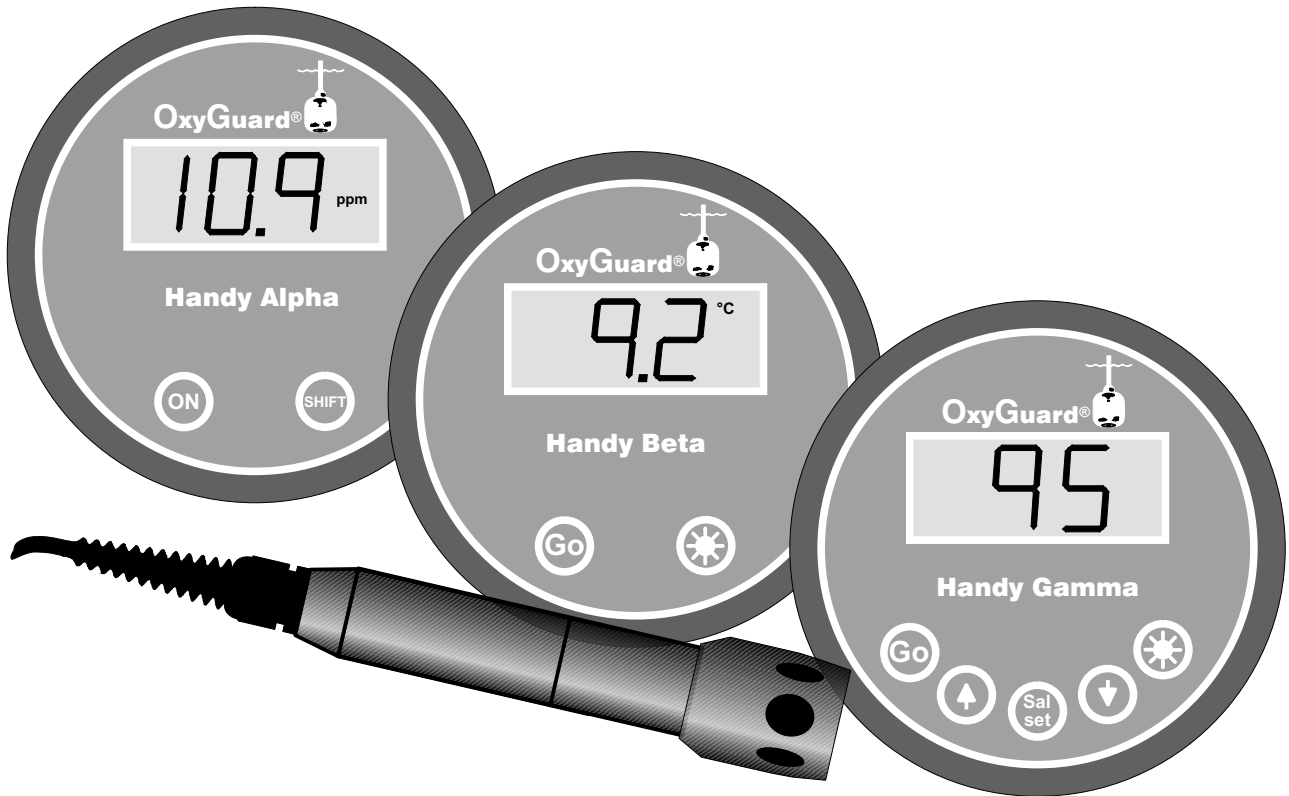


OxyGuard Handy Series of Portable DO Meters

Pocket size Oxygen Meters

Handy Alpha, Beta and Gamma



A new concept in pocket-size oxygen meters!

OxyGuard know-how, reliability and ease of use put together with a new design concept in a range of instruments that sets new standards for hand held meters!

- Easy to use:** Cylindrical design lies easy in the hand.
Flat foil pushbuttons - no protruding controls.
OxyGuard technology - always ready for immediate measurement.
Illuminated display.
Clip for easy fixing to your belt or note board.
- Waterproof:** Can withstand 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

- * Easy to use - just press the button and measure!
- * Lies well in the hand with no protruding knobs - has easy to use flat foil pushbuttons
- * Waterproof - 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 (Beta and Gamma).
- * Special highly flexible cable.

Specifications

Parameters:

Alpha:	ppm (mg/l) and % saturation.
Beta:	ppm (mg/l), % saturation and temperature, illuminated display.
Gamma:	ppm (mg/l), % saturation and temperature, 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 50°C, meter -20 to +60°C.
Measuring Range:	Standard: 0-50.0 ppm (mg/l) and 0-600% saturation. Will indicate up to 199.9 ppm (mg/l) and 1999% saturation.
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:	+/- 0.2°C (Beta and Gamma).
Salinity Compensation:	0-50 ppt salinity. Set using pushbuttons (Gamma only).
Dimensions:	96 mm diameter x 36 mm + belt clip (if used).
Standard Accessories:	Spare membrane cap, membranes, electrolyte and storage pouch.

Ordering Information

H01A: Handy Alpha.
H01B: Handy Beta.
H01G: Handy Gamma.

The above supplied with standard accessories.

Spares

H01XAC1:	Accessory kit: membrane cap, 5 membranes & O-rings, 50 ml electrolyte and tool.
H01XAC2:	Membrane kit: 25 membranes & O-rings.
H01XCAP:	Membrane cap with membrane.
D10E1500:	500 ml electrolyte.
D10E11L:	1 liter electrolyte.
H01XC1:	Extra cable per meter.
H01XPC:	Probe protection cap.
H01XPO:	Pouch.
H01XSCR:	Calibration screwdriver.
H01XTOOL:	Membrane installation tool.