



OXYGUARD HANDY POLARIS

Introducing a new hand held dissolved oxygen meter
- Sold and serviced by Point Four Systems Inc.

POLARIS is the first of a new generation of Handy Meters. Just as with the first Handy, you can switch it on, put it in the water and start measuring. In addition, measurements made with the new Polaris are supported by a range of advanced functions designed to make things even easier for you.

- Large Display
- Automatic Calibration
- Choice of Language
- Choice of Units
- Multi-Parameter
- Automatic Self-Check
- Automatic Probe Check
- Barometric Pressure Compensation
- Extremely Long Battery Life
- NEW PROBE DESIGN
 - faster and even more accurate,
 - longer intervals between maintenance.



TECHNICAL ADVANTAGES

METER

- Automatic calibration with stability check
- Automatic self-check of instrument
- Automatic check of cable and probe
- Compensates for changes in atmospheric pressure
- User selectable language
- User selectable main display parameter
- 1400 hours use from one 9V alkaline battery
- Illuminated display with variable intensity
- Special highly flexible cable
- Automatic shutdown for power saving.

PROBE

- NEW PROBE DESIGN
- Galvanic type
- No warm up time
- Fully temperature compensated
- Remarkably short response time
- Stores dry
- Excellent long-term stability
- Tough membrane
- No need for regular service or renovation
- Probe renovation easy and fast when needed
- Spares available at very low price.



Point Four
Systems Inc.

MAKING YOUR WATER BETTER!

WWW.POINTFOUR.COM

103 - 16 Fawcett Road
Coquitlam BC V3K 6X9
CANADA
Toll Free: 1 800 267 9936
Phone: 1 604 759 2114
Fax: 1 604 759 2115
Email: sales@pointfour.com



SPECIFICATIONS

Parameters:	ppm (mg/L), % saturation, temperature (C or F), salinity compensation.
Display:	Large, easy to read graphical LCD display. Variable backlight.
Probe Type:	Galvanic cell, self polarizing, self temperature compensating.
Cable Length:	Standard 3 m.
Operating Conditions:	Probe: -5 to +45 C, Meter: -20 to +60 C
Encapsulation (meter):	Short-term immersion proof to max. 5m depth.
Measuring Range:	0-60.0 ppm (mg/L) and 0-600% saturation. Automatically compensated for temperature and barometric pressure. Manual salinity compensation.
Salinity Compensation:	Temperature: -5 to +45 C.
Accuracy, DO:	0-59 ppt salinity (manually set).
	Depends on calibration accuracy. Typically better than +/- 1% of measured value +/- 1 digit within the standard measuring range.
Accuracy, Temperature:	+/- 0.2 C
Repeatability:	Typically better than +/- 0.5% of measured range.
Response Time:	90% of end value in less than 20 seconds in water.
Dimensions:	98 mm diameter x 36 mm + belt clip (if used).
Self-check of:	Probe function, meter function, cable, battery.
Useful battery life:	Approx. 2 years with 1 hour's use per day, 5 months with 8 hours per day.
Standard Accessories:	Membrane cap, membranes, electrolyte, cathode cleaning pad, storage pouch.

PARTS AND ACCESSORIES

10XHM053	Handy Polaris supplied with standard accessories.
10XPA052	Polaris Service kit includes 50mL electrolyte, 10 piece membrane kit, 1 cleaning pad and 1 tool.
10XSS130	50 mL electrolyte
10XSS131	250 mL electrolyte
10XSS134	1 liter electrolyte
10XHA013	Membrane kit includes 10 membranes & O-rings
10XHA006	Membrane cap with membrane
10XYZ0479	Extra cable per meter
10XHA008	Pouch



Point Four
Systems Inc.

Point Four specializes in the design and supply of systems for measuring and controlling levels of oxygen and other gases in water. Established in 1988, Point Four's success is built on our willingness to "go that extra mile"; helping our customers with engineering expertise and the very best after-sales support.