

## The New OxyGuard Handy "Polaris 2" Portable Dissolved Oxygen Meter

*All the features of the original Polaris DO Meter but also includes DATALOGGING.*

### Readout Features

- Large Display
- Automatic Calibration
- Choice of Language
  - Choice of units
  - Multi-Parameter
- Automatic Self Check
- Barometric Pressure Compensation
  - Extremely Long Life Battery
- Automatic or Manual Datalogging

### Probe Design

- Galvanic Type-Self Polarising
  - No warm up time
- Fully temperature compensated
  - Short response time
    - Stores dry
  - Calibrates in dry air
- Excellent long term stability
  - Tough membrane
- Probe renovation easy and fast
- Low cost membrane and electrolyte

### Specifications

Parameter:	ppm % sat, temp C, or F, salinity compensation
Display:	LCD variable backlit
Probe Type:	Galvanic cell self polarising/auto temp compensation
Cable length:	3M, Any other length on request
Operating:	Probe -5 to +45 C, Meter -20 to +60C
Encapsulation:	(meter) Short term immersion proof max 5m
Range:	0-60.0 ppm, 0-600% sat. Manual salinity correction, autocompensation for temperature and pressure.
Temperature:	Readout -5 to +45C
Salinity Comp:	0 to 59ppt salinity (manually set)
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 20 seconds in water.
Accuracy Temp:	+/- 0.2C.
Accuracy Pres:	+/- 1 millibar
Self Check of:	probe, meter, cable and battery functions
Datalog Capacity:	3000 set of complete information(mg/l, %sat, Temperature, events etc)
Battery Life:	Approx 2 years with 1 hour use per day

### Ordering Information

- H01P2: Handy Polaris 2 with 3 metres of cable and supplied with standard accessories ( other cable lengths available)
- H10LINK: Polaris Link cable for data transfer to PC



*Specifications and prices subject to change without notice*