OxyGuard Polaris C Portable D.O. Meter and Probe

The Polaris C meter is a high-performance, low-cost and almost maintenance-free meter for measuring dissolved oxygen and temperature. The meter is sturdy, easy to use and has an extensive longevity making it ideal for harsh conditions.

Polaris C can store up to 2500 complete sets of data, including time and date stamps. The logged data can be stored either manually or automatically with the possibility to group the data into categories.

Tailored Solutions for Water Quality & Control in Aquaculture

OxyGuard®

KEY BENEFITS:

> Automatic or Manual Data Logging of up to 2500 Full Data Sets

> Low Power Consumption: ~1000 hours

> Bluetooth and NFC Technology for Direct Upload to Cobália

> High Accuracy

> Easy-to-do Calibration

> Automatic Check of the Hardware

> Automatic Compensation for Barometric Pressure

> Water-resistant

> Immediate Response Time

> Variable Display Options and Unit Use

> Self-polarising and Temperature Compensating Electrochemical Probe

> Long-term Stability

SPECIFICATIONS:

Units of measurement: Oxygen: ppm (mg/L), % saturation. Temperature: degrees Celsius (°C),

degrees Fahrenheit (°F)

Display: Graphical LCD display with variable backlight

Probe type: Electrochemical

Cable length: Standard 3 m. Available at any length up to 50 meters by request

Operating temperature: Probe: -5 to +45 degrees Celsius (°C) and +23 to +113 degrees Fahrenheit (°F). Meter: -20 to +60 degrees Celsius (°C) and -4 to 140 degrees Fahrenheit (°F)

Waterproof: Short-term immersion proof to 5m depth

Response time: To 90% in less than 20 seconds

Measuring range: Oxygen: 0-60 mg/L and 0-600 % saturation. Temperature: -5 to +45 degrees Celsius (°C) and +23 to +113 degrees Fahrenheit

Measuring accuracy: Oxygen: typically ± 1% of measured value. Temperature: ± 0.2 degrees Celsius/Fahrenheit (°C/°F)

Data logging capacity: 2500 sets of data with up to 99 data groups

Salinity compensation range: 0-50 ppt salinity. Manually set

Automatic check of: Probe function, meter function, cable and battery

Automatic compensation: Temperature and barometric pressure (0-7000 m a.s.l)

Dimensions meter: Length = 98 mm, diameter = 36 mm (Length: 3.86 in, diameter: 1.42 in)

Dimensions probe: Length = 159 mm, diameter = 22 mm (6.26 in, 0.87 in). With protection cap: Length = 176 mm, diameter = 29 mm (6.93 in, 1.14 in)

Power: 2 AA alkaline batteries

Battery life: 1000 hours use depending on settings and battery quality

ORDERING INFORMATION:

H05: Polaris C comes with standard accessories and one Cobália tag