

Professional Plus Mutiparameter Water Quality Meter

Multiparameter meter for monitoring up to thirteen different water quality parameters



- 3-year instrument warranty
- 2-year cable warranty
- Rubber, over-molded IP-67 waterproof case (even without the battery cover)
- Rugged cables, sensors, and military-spec connectors
- Multiple user-replaceable sensor options and a choice of DO sensors
- Multiple parameter options and cable lengths

Description

The Professional Plus multiparameter water quality meter brings laboratory accuracy and the ease of push-button operation to water quality measurement in the field. It can measure thirteen parameters: pH, ORP, temperature, dissolved oxygen, conductivity, and several others. Featuring a powerful sensor probe and state-of-the-art functions, the meter makes it easy to get highly reliable water quality data simply and quickly just by submersing the sensor in the water. It is flexible enough to use for checking the quality of a broad range of water samples, from factory effluent to urban drainage, river water, lake and marsh water, aquatic culture tanks, agricultural water supplies, and sea water.

The Pro Plus multiparameter water quality meter meets the demands of true field work. The meter is not only rated to IP-67 standards even without the battery cover on, it also floats. A rubber overmolded case and an adjustable right or left handed strap provides superior grip and handling. The viewing screen is scratch-resistant and gives you the ability to view your data through polarized sunglasses. Both the display and keypad are backlit allowing you take measurements in low light conditions or even in the dark. The cable connection between the display case and sensor head is made from Mil-spec connectors providing you with the most reliable sensor connection possible. In-house testing procedures also include 1-meter drop tests from all angles to ensure expected field-durability for the meter.

Specifications

- pH (At ambient temperature):*
 Range: -2.60 to 16.60
 Accuracy: ± 0.1 mV (0.01 pH units)
 Resolution: 0.1 mV (0.01 pH units)
- ORP (At ambient temperature):*
 Range: -1999 to +1999 mV
 Accuracy: ± 0.5 mV
 Resolution: 0.1 mV
- Conductivity (At ambient temperature):*
 Range: 0.0 to 200 mS/cm each range
 Accuracy: $\pm 0.1\%$ FS \pm digit for μ S/cm to 0.1 mS/cm (range dependent)
 Resolution: 0.0001 mS/cm or 0.1
- Dissolved Oxygen (At ambient temperature):*
 Range: 0.00 to 90 mg/L; 0 to 550%
 Accuracy: $\pm 0.2\%$ FS (550% air saturation) ± 1 digit (with 1.25 PE membrane at 10°C)
 Resolution: 0.01 mg/L; 0.1% air saturation
- Membrane Response Time (T95; 100%-0) and Flow Dependence:*
 1.25 mil PE = 8 seconds and 6 in/sec flow
 2.0 mil PE = 17 seconds and 3 in/sec flow
 1 mil Teflon® = 18 seconds and 12 in/sec flow
- Temperature (At ambient temperature):*
 Range: -10 to 100.00°C
 Accuracy: $\pm 0.2\%$ FS ± 1 digit
 Resolution: 0.1°C
- Barometer:* Built-in barometer

Please see website for full specification information, www.globalw.com.

Options and Accessories

Please see website for options and accessory information, <http://www.globalw.com/products/proplus.html>.

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