

6820 Water Quality Sondes

Water quality monitoring system for measuring up to 17 parameters



- Field-replaceable sensors
- Available with detachable cables to measure depth up to 100 feet
- Ideal for multi-parameter water quality measurements without having a permanent installation
- Measure Blue-Green Algae and Chlorophyll

Description

The 6820 V2 water quality sondes are an economical monitoring system for you to monitor insitu and profiling sample sites. They are designed for specific applications where a variety of parameters are required and size and ease-of-use are of primary concern. All 6820 water quality sondes offer a small and economic package for you to sample different water quality parameters. The instruments are ideal for water level monitoring, ground water, and surface water monitoring for research, assessment, and regulatory compliance applications. They can simultaneously measure up to 17 parameters: dissolved oxygen, temperature, conductivity, salinity, specific conductance, resistivity, depth, pH, ORP, total dissolved solids, open channel flow, nitrate-nitrogen, ammonia/ammonium-nitrogen, chloride, blue-green algae, chlorophyll, turbidity, and rhodamine. Featuring a powerful sensor probe and state-of-the-art functions, the sonde makes it easy for you to get highly reliable water quality data simply and quickly just by submersing the sensor in the water. The multiparameter display system case has a waterproof design that allows you to work without concern of splashing or accidentally dropping the instrument in the water. The sonde 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.

Specifications

- pH:**
Range: 0 to 14
Accuracy: ±0.2 unit
Resolution: 0.01 unit
- ORP:**
Range: -999 to +999 mV
Accuracy: ±20 mV
Resolution: 0.1 mV
- Conductivity:**
Range: 0 to 100 mS/cm
Accuracy: ±0.5% of reading +0.001 mS/cm
Resolution: 0.001 to 0.1 mS/cm (range dependent)
- ROX Optical Dissolved Oxygen:**
Range: 0 to 500% saturation, 0 to 50 mg/L
Accuracy: 0 to 200%; ±1% of reading or 1% air saturation, whichever is greater; 200 to 500%; ±15% of reading; 0 to 20 mg/L: ± 0.1 mg/L or 1% of reading, whichever is greater; 20 to 50 mg/L: ± 15% of reading
Resolution: 0.1% saturation; 0.01 mg/L
- Temperature:**
Range: -5 to 50°C
Accuracy: ±0.15°C
Resolution: 0.01°C
- Depth (None, Shallow, Medium):**
Range: 0 ft/m, 0 to 30 ft (9.1 m), 0 to 200 ft (61 m)
Accuracy: N/A, ±0.06 ft (±0.02 m), ±0.4 ft (±0.12 m)
Resolution: N/A, 0.001 ft (0.001 m), 0.001 ft (0.001 m)
- Turbidity:**
Range: 0 to 1,000 NTU
Accuracy: ±2% of reading or 0.3 NTU, whichever is greater
Resolution: 0.1 NTU

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/6820.html>.

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