



600XL Water Quality Analyzers

Water quality system for analyzing multiple 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

Description

The 600XL water quality analyzer is an economical monitoring system for insitu monitoring and profiling. They are designed for specific applications where a fewer number of parameters are required and size and ease of use are of primary concern. All 600XL analyzers offer a small and economic package for water quality sampling purposes. 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 ten parameters: dissolved oxygen, temperature, conductivity, salinity, specific conductance, resistivity, depth, pH, ORP, and total dissolved solids. Featuring a powerful sensor probe and state-of-the-art functions, the analyzer makes it easy to get highly reliable water quality data simply and quickly just by submersing the sensor in the water. The display case has a waterproof design that allows you to work without concern of splashing or accidentally dropping the instrument in the water. The instrument 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: $\pm 0.5\%$ of reading +0.001 mS/cm
Resolution: 0.001 to 0.1 mS/cm (range dependent)

Dissolved Oxygen:

Range: 0 to 500% saturation, 0 to 50 mg/L
Accuracy: 0 to 200%; $\pm 2\%$ of reading or 2% air saturation, whichever is greater; 200 to 500%; $\pm 6\%$ of reading; 0 to 20 mg/L: ± 0.2 mg/L or 2% of reading, whichever is greater; 20 to 50 mg/L: $\pm 6\%$ of reading
Resolution: 0.1% saturation; 0.01 mg/L

Temperature:

Range: -5 to 50°C
Accuracy: $\pm 0.15^\circ\text{C}$
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)

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/600xl.html>.

Contact
Global Water
for all your
instrumentation
needs:

Water Level

Water Flow

Water Samplers

Water Quality

Weather

Remote Monitoring

Control



Global Water
The Leader in Water Instrumentation

In the U.S. call toll free
at 1-800-876-1172
International: 979-690-5560
Fax: 979-690-0440
Email: globalw@globalw.com

Visit our online catalog at:
www.globalw.com
Our Address:
2440 Gold River Rd, Ste 210
Gold River, CA 95670