



# W-23XD Water Quality Sonde

Water quality instrumentation for simultaneously measuring up to 13 different parameters



- Handheld water quality monitoring system with water quality sonde
- Rugged, fully submersible sonde
- Monitor up to 13 different parameters simultaneously
- Dry cell batteries
- Built in datalogger
- Ideal for multi-parameter water quality measurements without having a permanent installation

## Description

Global Water's W-23XD water quality sonde brings laboratory accuracy and the ease of push-button operation to water quality instrumentation measurement in the field. Years of water quality instrumentation technology development have resulted in the form of a 97-mm diameter water quality sonde: a compact water quality instrument able to offer high pressure tolerance, long-term continuous measurement capability and highly accurate for the simultaneous monitoring of up to 13 parameters. The water quality sonde can simultaneously measure: pH, temperature, dissolved oxygen, conductivity, salinity, turbidity, total dissolved solids (TDS), water depth, oxidation reduction potential (ORP), seawater specific gravity and up to three specific ions. Featuring a powerful water quality sonde and state-of-the-art functions, the water quality instrumentation makes it easy to get highly reliable water quality data simply and quickly just by submersing the sensor in the water. The water quality 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 seawater. The water quality instrumentation is water resistant, so it can be used safely even in the rain.

## Specifications

### Range:

PH- 0-14 with 0.01 pH resolution and  $\pm 0.1$ pH accuracy  
DO- 0-20 mg/L with 0.01 resolution and  $\pm 0.2$  mg/L accuracy  
Conductivity-0-10 S/m with 0.1% FS res. and  $\pm 3\%$  accuracy  
Salinity- 0-4% with 0.01% resolution and  $\pm 0.3\%$  accuracy  
Temp- 0-55C with 0.01° C resolution and  $\pm 1.0$ ° C accuracy  
ORP-  $\pm 1999$  mV with 1mV resolution and  $\pm 15$ mV accuracy  
Turbidity- 0-800 NTU with 0.1 NTU res.  $\pm 5\%$  accuracy  
Seawater Specific Gravity- 0-50 $\sigma$ t with 0.1 $\sigma$ t res. and  $\pm 5\%$  $\sigma$ t accuracy  
TDS- 0-100 g/L with 0.1% FS resolution and  $\pm 5$ g/L accuracy  
Water Depth- 0-100 m with 0.1 m res. and  $\pm 5\%$  accuracy  
Ion- 0.1% FS resolution and  $\pm 10\%$  accuracy

## Options and Accessories

### W-23XD Water Quality Sonde

Included detachable 2m cable, control unit, sonde, pH and Do sensors, carrying case. ION SENSORS ARE NOT INCLUDED.

Additional cable lengths available for W-23XD, please see our website, [www.globalw.com](http://www.globalw.com).

### ION Sensors

Nitrate  
Chloride  
Calcium  
Fluoride  
Potassium  
Ammonia

## Regional Distributor



**Global Water**  
The Leader in Water Instrumentation

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