

U-22XD Water Quality Analyzer

Water quality monitoring system for 10 different parameters



- Handheld water quality monitoring system with water quality analyzer
- Rugged, fully submersible sensor
- Detachable and non-detachable versions
- Dry cell batteries
- Built in datalogger
- Ideal for multi-parameter water quality measurements without having a permanent installation

Description

Global Water's U-22XD water quality monitoring system brings laboratory accuracy and the ease of push-button operation to water quality measurement in the field. Years of water quality analyzer technology development have resulted in the form of a 47-mm diameter water quality analyzer probe: a compact water quality monitoring system offering high pressure tolerance, long-term continuous measurement capability and highly accurate, simultaneous analysis of 10 parameters. The water quality analyzer can simultaneously measure: pH, temperature, dissolved oxygen, conductivity, salinity, turbidity, total dissolved solids (TDS), water depth, oxidation reduction potential (ORP), and seawater specific gravity. Featuring a powerful water quality analyzer and state-of-the-art functions, the water quality analyzer makes it easy to get highly reliable water quality data simply and quickly just by submersing the sensor in the water. The water quality monitoring system 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 main unit is water resistant, so it can be used safely even in the rain.

Specifications

Range:

- PH- 0-14 with 0.01 pH resolution and ± 0.1 pH accuracy
- DO- 0-20 mg/L with 0.01 resolution and ± 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 ± 1.0 ° C accuracy
- ORP- ± 1999 mV with 1mV resolution and ± 15 mV accuracy
- Turbidity- 0-800 NTU with 0.1 NTU res. $\pm 5\%$ accuracy
- Seawater Specific Gravity- 0-50 σ t with 0.1 σ t res. and $\pm 5\sigma$ t accuracy
- TDS- 0-100 g/L with 0.1% resolution and ± 5 g/L accuracy
- Water Depth- 0-100 m with 0.1 m res. and $\pm 5\%$ accuracy

Options and Accessories

U-22XD Water Quality Analyzer

Fixed 2m cable and able to go to depths of 60 meters

W-22XD Water Quality Analyzer

Detachable 2m cable and able to go to depths of 100 meters

Additional cable lengths available for U-22XD and W-22XD, please see our website, www.globalw.com.

U/W-22XD Flow Cell

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