

U-50 Multiparameter Probe

Meter for monitoring up to eleven water quality parameters.



- Rugged
- Fully submersible sensor
- Measure and display up to 11 items simultaneously
- Ideal for multi-parameter water quality measurements without having a permanent installation

Specifications

- pH:**
 Range: 0-14pH
 Accuracy: ± 0.1 pH
- ORP:**
 Range: -2000-2000pH
 Accuracy: ± 15 mV
- Conductivity:**
 Range: 0-100mS/cm
 Accuracy: $\pm 1\%$ of full scale
- Dissolved Oxygen:**
 Range: 0-50 mg/l
 Accuracy: 0 to 20 mg/L: ± 0.2 mg/L, 20 to 50 mg/L: ± 0.5 mg/L
- Temperature:**
 Range: 23 to 131 °F (-5 to 55 °C)
 Accuracy: $(\pm 0.3 + 0.005 |t|)$
- Turbidity:**
 Range: 0-800 NTU (U-52)
 0-1000 NTU (U-53)

Description

The U-50 multiparameter water quality meter brings laboratory accuracy and the ease of push-button operation to water quality measurement in the field. Eleven parameters can be measured: pH, pH(mV), ORP, temperature, dissolved oxygen, electrolytic conductivity, turbidity, total dissolved solids, salinity, seawater specific gravity, and depth. 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. 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. The control unit has a waterproof design that allows you to work without concern of splashing or accidentally dropping the instrument in the water.

Limited Data Logger

The U-50 multiparameter water quality meters can store up to 10000 data sets in memory. Data can be stored manually or automatically for later display and print out. There is no need to manually record measured values on site with the U-50 meter. Once the instrument has recorded data you can recall data for a specific site, a specified date/time, or all of the data depending on your needs. You can check the meter's data capacity at any time by using the data memory check feature. With the optional USB cable the instrument's data can be transferred to a computer for further analysis.

Options and Accessories

- U-51-2** Multiparameter Probe (2m cable)
- U-51-10** Multiparameter Probe (10 m cable)
- U-52-2** Multiparameter Probe (2m cable)
- U-52-10** Multiparameter Probe (10 m cable)
- U-52-30** Multiparameter Probe (30 m cable)
- U-53-2** Multiparameter Probe (2m cable)
- U-53-10** Multiparameter Probe (10 m cable)
- U-53-30** Multiparameter Probe (30 m cable)

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