

Water Quality Meter

Horiba U-10 Multiparameter Meter

The Horiba U-10 water quality checker brings laboratory accuracy and the ease of push-button operation to water quality measurement in the field. Six parameters can be measured: pH, temperature, dissolved oxygen, electrolytic conductivity, turbidity and salinity.

The U-10 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.

FEATURES

- Automatic Calibration function
- 20 samples of data or 6 parameters can be stored in memory
- Automatic salinity correction for Dissolved Oxygen
- Direct Submersion Sensor
- Data Backup function keeps data even if batteries run down
- Automatic Shut Down function to save battery life (30 minutes after last key is pressed)



SPECIFICATIONS

Parameters	pH	Conductivity	Turbidity	Dissolved Oxygen	Temperature	Salinity
Principle	Glass electrode	Alternating four-electrode	Scattering/transmitting light	Membrane/galvanic cell	Thermister	Alternating four-electrode*
Range	0-14 pH	0-100 mS/cm	0-800 NTU	0-19.9 mg/L	0-50°C	0-4%
Resolution						
Standard	0.1 pH	(mS/cm) (mS/cm) 0-1 : 0.01 1-10 : 0.1 10-100 : 1	10 NTU	0.1 mg/L	1°C	0.1%
Expanded	0.01 pH	(mS/cm) (mS/cm) 0-1 : 0.001 1-10 : 0.01 10-100 : 0.1	1 NTU	0.01 mg/L	0.1°C	0.01%
Repeatability	±0.05 pH	±1% of full scale	±3% of full scale	±0.1 mg/L	±0.3°C	±0.1%
Temp. Compensation	0-50°C	0-50°C	-	0-40°C	-	-
Calibration	Auto one-point calibration, manual two-point calibration	Auto one-point calibration, manual two-point calibration	Auto one-point calibration, manual two-point calibration	Auto one-point calibration (air), manual two-point calibration	-	-
Printer Output	Centronics					
Power	Battery 6F22 (S-006P) x 1 pc.					
Sensor Assembly	Standard: sensor with 2m cable Optional: sensor with 10m cable					
Weight	Main unit: approx. 400g (0.9 lb.) Sensor assembly (2m cable): approx. 800g (1.8 lb.)					

* Salinity is calculated from the conductivity data.

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