EC500 Conductivity Meter

Combination rugged flat surface pH electrode with autoranging high accuracy Conductivity cell.

- Measures 5 parameters
- 9 Units of measure
- Waterproof conductivity meter
- Analog bar graph
- Saves up to 25 readings

Description

The EC500 Conductivity Meter can measure 5 different parameters including Conductivity, TDS, Salinity, pH, and Temperature using the conductivity meter's single electrode. With the 5 parameters the conductivity meter offers 9 units of measure including pH, uS/cm, mS/cm, ppm, ppt, mg/L, and g/L, °C, and °F. The conductivity meter displays the results on a large LCD screen that supports an Analog bar graph to indicate trends, a RENEW feature to alert you that the pH sensor needs replacement, and a low battery indicator.

The EC500 Conductivity Meter was designed to be easy to use in harsh environments. The conductivity meter is waterproof to the IP67 standard, has enough memory to store up to 25 labeled readings, has an adjustable conductivity to TDS ratio factor that allows for convenient calculation of the TDS value, contains a fixed 0.5 fixed salinity ratio, and supports an automatic power shut off feature. The conductivity meter includes the electrode, protective sensor cap, sample cup with cap, four 1.5V SR44W batteries, and a 48" (1.2m) neckstrap.

Specifications

Conductivity Range: 0 to 199.9uS, 200 to 1999uS, 2.00 to 19.99mS
TDS/Salinity Range: 0 to 99.9ppm (mg/L), 100 to 999ppm (mg/L, 1.00 to 9.99ppt (g/L)
pH Range: 0.00 to 14.00pH
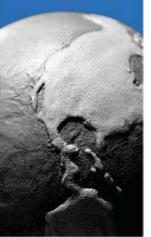*Temperature Range:* 32° to 149°F (0° to 65°C)
Max. Resolution: 0.1uS, 0.1ppm (mg/L), 0.01pH, 0.1°F/ °C
Accuracy: $\pm$2%FS, $\pm$0.01pH, $\pm$1.8°F/1°C
Power: four SR44W button batteries
Size: 1.4x7.3x1.6" (36x186x41mm)
Weight: 3.8oz (110g)