



# EC510 Portable Conductivity Meter Kit

Waterproof Portable Conductivity Meter with calibration solutions.



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

## Description

The EC510 Portable Conductivity Meter Kit is a convenient package that includes a highly accurate waterproof multi-ranging conductivity meter that measures 5 different parameters including Conductivity, TDS, Salinity, pH, and Temperature using the conductivity meter's single electrode. With the 5 parameters the portable conductivity meter offers 9 units of measure including pH, uS/cm, mS/cm, ppm, ppt, mg/L, and g/L, °C, and °F. The portable 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 EC510 Portable Conductivity Meter Kit comes with several calibration standards. The portable conductivity meter was designed to be easy to use in harsh environments, 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 portable conductivity meter kit includes EC500 portable conductivity meter with sensor, 84uS, 1413uS, 12880uS calibration standards, pH buffer pouches (1 each of 4, 7, 10pH plus rinse solution), weighted base, protective sensor cap, 3 sample cups, 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:* +2%FS, +0.01pH, +1.8°F/1°C  
*Power:* four SR44W button batteries  
*Size:* 9.5x6.8x2.8" (241x173x71mm)  
*Weight:* 1.56oz (708g)

## Options and Accessories

### EC510 Portable Conductivity Meter Kit

Includes an EC500 portable conductivity meter with sensor, 84uS, 1413uS, 12880uS calibration standards, pH buffer pouches (1 each of 4, 7, 10pH plus rinse solution), weighted base, protective sensor cap, 3 sample cups, four 1.5V SR44W batteries, and a 48" (1.2m) neckstrap

### EC500 Conductivity Meter

Includes electrode, protective sensor cap, sample cup with cap, four 1.5V SR44W batteries, and a 48" (1.2m) neckstrap.

### EC505 Spare pH/conductivity meter cell

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