

Product DATASHEET

Waterproof ExStik® II pH/Conductivity Meter

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

Features:

- Measures 5 parameters including Conductivity, TDS, Salinity, pH, and Temperature using one electrode
- 9 units of measure: pH, μS , mS, ppm, ppt, mg/L, g/L, $^{\circ}\text{C}$, $^{\circ}\text{F}$
- Analog bargraph indicates trends
- Memory stores up to 25 labeled readings
- Adjustable Conductivity to TDS ratio from 0.4 to 1.0; 0.5 fixed Salinity ratio
- RENEW feature alerts user when electrode needs replacement
- Auto power off and low battery indicator
- Waterproof to IP67
- EC500 meter includes electrode, protective sensor cap, sample cup with cap, four 1.5V SR44W batteries, and 48" (1.2m) neckstrap
- EC510 Kit includes EC500, 84 μS , 1413 μS , 12880 μS calibration standards, pH buffer pouches (1 each of 4, 7, 10pH plus rinse solution), weighted base, 3 sample cups with caps, and case — \$19 Savings

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Specifications:	Range	Max Resolution	Basic Accuracy
Conductivity:	0 to 199 μS , 200 to 1999 μS , 2.00 to 19.99mS	0.1 μS	$\pm 1\% + 1$ digit
TDS/Salinity:	0 to 99.9ppm(mg/L), 100-999ppm(mg/L) 1.00 to 9.99ppt	0.1ppm (mg/L)	$\pm 2\% + 1$ digit FS
pH:	0.00 to 14.00pH	0.01pH	$\pm 0.01\text{pH}$
Temperature:	32 $^{\circ}$ to 149 $^{\circ}\text{F}$ (0 to 65 $^{\circ}\text{C}$)	0.1 $^{\circ}\text{F}/^{\circ}\text{C}$	$\pm 1.8^{\circ}\text{F}/1^{\circ}\text{C}$
Waterproof:	IP67		
Memory:	25 datasets		
Dimensions:	1.4 x 7.3 x 1.6" (36 x 186 x 41mm)		
Weight:	3.8oz (110g)		



EC510 kit

Ordering Information:

- EC500**Waterproof ExStik® II pH/Conductivity Meter
EC505Spare ExStik® II pH/Conductivity cell module for EC500
EC510Waterproof ExStik® II pH/Conductivity Meter Kit
EC-84-P84 μS Conductivity Standard (2 bottles - 1 pint each)
EC-1413-P1413 μS Conductivity Standard (2 bottles - 1 pint each)
EC-12880-P12880 μS Conductivity Standard (2 bottles - 1 pint each)

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