



ExStik® II Conductivity/TDS/Salinity Meter

Waterproof meter with one high accuracy multi-range sensor that measures four parameters
Conductivity, TDS, Salinity, and Temperature

Features:

- Autoranging meter offers 3 ranges of measurements from tap water to wastewater and any aqueous solution requiring a conductivity, TDS or Salinity measurements
- Units of measure include $\mu\text{S}/\text{cm}$, mS/cm , ppm, ppt, mg/L , and g/L
- Adjustable Conductivity to TDS ratio factor from 0.4 to 1.0 — conveniently calculates the TDS value
- Large 3-1/2 digit (2000 count) Digital display with analog bargraph to indicate sample trends
- Data Hold, Auto Power Off and low battery indication
- Automatic Temperature Compensation of 2% per $^{\circ}\text{C}$
- Simultaneous display of Conductivity, TDS, or Salinity plus Temperature
- Internal memory stores up to 25 labeled readings for easy recall
- Self calibration of electronics on power up
- Easy to replace Conductivity cell module
- Waterproof design to withstand wet environment — meets IP57 standard
- EC400 includes meter and Conductivity cell*, protective sensor cap, sample cup with cap, four CR2032 button batteries, and 48" (1.2m) neckstrap. *Order Conductivity standards separately*
- Optional EC410 kit includes EC400 ExStik® II Conductivity/TDS/Salinity/Temperature Meter, with sensor, protective cap, $84\mu\text{S}/\text{cm}$, $1413\mu\text{S}/\text{cm}$ and $12880\mu\text{S}/\text{cm}$ calibration standards (30mL bottle each), weighted base, 3 sample plastic cups with caps, four 3V CR2032 button batteries, 48" (1.2m) neckstrap, and carrying case



EC410 Kit



Patents Pending

Ordering Information:

EC400ExStik® Conductivity/TDS/Salinity Meter
EC410ExStik® Conductivity/TDS/Salinity Kit
EC405Spare Conductivity Cell
EX006Weighted base with 5 solution cups
EX007Spare sample solution cups (24pk)
EC-84-P..... $84\mu\text{S}$ Conductivity Standard (2 bottles - 1 pint each)
EC-1413-P..... $1413\mu\text{S}$ Conductivity Standard (2 bottles - 1 pint each)
EC-12880-P..... $12880\mu\text{S}$ Conductivity Standard (2 bottles - 1 pint each)
CA895Small vinyl carrying case with belt loop
CA903Carrying case for ExStik® kit
EX010Extension Cable, 3ft (1 Meter) with probe weight for ExStik
EX050Extension Cable, 16ft (5 Meters) with probe weight for ExStik

Specifications	Ranges	Max. Resolution	Basic Accuracy
Conductivity	0 to $199.9\mu\text{S}/\text{cm}$	$0.1\mu\text{S}/\text{cm}$	$\pm 2\%$ FS
	200 to $1999\mu\text{S}/\text{cm}$	$1\mu\text{S}/\text{cm}$	
	2.00 to $19.99\text{mS}/\text{cm}$	$0.01\text{mS}/\text{cm}$	
TDS	0 to 99.9ppm (mg/L)	0.1ppm (mg/L)	$\pm 2\%$ FS
	100 to 999ppm (mg/L)	1ppm (mg/L)	
	1.00 to 9.99ppt (g/L)	0.01ppt (g/L)	
Salinity	0 to 99.9ppm (mg/L)	0.1ppm (mg/L)	$\pm 2\%$ FS
	100 to 999ppm (mg/L)	1ppm (mg/L)	
	1.00 to 9.99ppt (g/L)	0.01ppt (g/L)	
Temperature	32° to 149°F (0 to 65°C)	$0.1^{\circ}\text{F}/^{\circ}\text{C}$	$\pm 1.8^{\circ}\text{F}/1^{\circ}\text{C}$
Power	Four CR2032 button batteries		
Dimensions	1.4 x 6.8 x 1.6" (36 x 173 x 41mm)		
Weight	3.8oz (110g)		