

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 CR-2032 button batteries, 48" (1.2m) neckstrap, and carrying case



EC410 Kit



Patents Pending

Ordering Information:

- EC400**ExStik[®] 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-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)
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 mS/cm	0.01 mS/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 $^{\circ}$ to 149 $^{\circ}\text{F}$ (0 to 65 $^{\circ}\text{C}$)	0.1 $^{\circ}\text{F}/^{\circ}\text{C}$	$\pm 1.8^{\circ}\text{F}/1^{\circ}\text{C}$
Power	Four CR2032 button batteries		
Dimensions	1.4 x 6.8 x 1.6" (36 x 173 x 41mm)		
Weight	3.8oz (110g)		

Mouser Electronics

Authorized Distributor

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[EC405](#) [EC400](#) [EX007](#) [EX006](#)