

ExStik® II Conductivity/TDS/Salinity Meter

Waterproof meter with one high accuracy multi-range sensor that measures four parameters

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
- High accuracy multi-range conductivity cell measures Conductivity, TDS, Salinity, and Temperature
- 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 15 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 SR44W button batteries, and 48" (1.2m) neckstrap
- Optional EC410 kit includes EC400 ExStik® 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

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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 99.9 ppm (mg/L)	0.1 ppm (mg/L)	$\pm 2\%$ FS
	100 to 999 ppm (mg/L)	1 ppm (mg/L)	
	1.00 to 9.99 ppt (g/L)	0.01 ppt (g/L)	
Salinity:	0 to 99.9 ppm (mg/L)	0.1 ppm (mg/L)	$\pm 2\%$ FS
	100 to 999 ppm (mg/L)	1 ppm (mg/L)	
	1.00 to 9.99 ppt (g/L)	0.01 ppt (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 SR44W button batteries		
Dimensions:	1.4x6.8x1.6" (36x173x41mm)		
Weight:	3.8oz (110g)		

Ordering Information:

EC400	.....	ExStik® Conductivity/TDS/Salinity Meter
EC410	.....	ExStik® Conductivity/TDS/Salinity Kit
EC405	.....	Spare Conductivity Cell
EX006	.....	Weighted base with 5 solution cups
EX007	.....	Spare sample solution cups (24pk)
EC-84-P	.....	84 μS Conductivity Standard (2 bottles - 1 pint each)
EC-1413-P	.....	1413 μS Conductivity Standard (2 bottles - 1 pint each)
EC-12880-P	.....	12880 μS Conductivity Standard (2 bottles - 1 pint each)
CA895	.....	Small vinyl carrying case with belt loop
CA903	.....	Carrying case for ExStik™ kit
EX010	.....	Extension Cable, 3ft (1 Meter) with probe weight for ExStik
EX050	.....	Extension Cable, 16ft (5 Meters) with probe weight for ExStik

* ExStik® Conductivity cell is not interchangeable with other ExStik® meters

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