

# 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  $\mu\text{S/cm}$ ,  $\text{mS/cm}$ ,  $\text{ppm}$ ,  $\text{ppt}$ ,  $\text{mg/L}$ , and  $\text{g/L}$
- 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 $\mu\text{S/cm}$ , 1413 $\mu\text{S/cm}$  and 12880 $\mu\text{S/cm}$  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



Patents Pending

## 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 $\mu\text{S}$  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)  
**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

Specifications	Ranges	Max. Resolution	Basic Accuracy
Conductivity	0 to 199.9 $\mu\text{S/cm}$	0.1 $\mu\text{S/cm}$	$\pm 2\%$ FS
	200 to 1999 $\mu\text{S/cm}$	1 $\mu\text{S/cm}$	
	2.00 to 19.99 $\text{mS/cm}$	0.01 $\text{mS/cm}$	
TDS	0 to 99.9 $\text{ppm}$ (mg/L)	0.1 $\text{ppm}$ (mg/L)	$\pm 2\%$ FS
	100 to 999 $\text{ppm}$ (mg/L)	1 $\text{ppm}$ (mg/L)	
	1.00 to 9.99 $\text{ppt}$ (g/L)	0.01 $\text{ppt}$ (g/L)	
Salinity	0 to 99.9 $\text{ppm}$ (mg/L)	0.1 $\text{ppm}$ (mg/L)	$\pm 2\%$ FS
	100 to 999 $\text{ppm}$ (mg/L)	1 $\text{ppm}$ (mg/L)	
	1.00 to 9.99 $\text{ppt}$ (g/L)	0.01 $\text{ppt}$ (g/L)	
Temperature	32° to 149°F (0 to 65°C)	0.1°F/°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)		

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