

# 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  $\mu\text{S}/\text{cm}$ ,  $\text{mS}/\text{cm}$ , ppm, ppt,  $\text{mg}/\text{L}$ , and  $\text{g}/\text{L}$
- 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  
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 $\mu\text{S}/\text{cm}$ 200 to 1999 $\mu\text{S}/\text{cm}$ 2.00 to 19.99 $\text{mS}/\text{cm}$	0.1 $\mu\text{S}/\text{cm}$ 1 $\mu\text{S}/\text{cm}$ 0.01 $\text{mS}/\text{cm}$	$\pm 2\%$ FS
TDS	0 to 99.9ppm (mg/L) 100 to 999ppm (mg/L) 1.00 to 9.99ppt (g/L)	0.1ppm (mg/L) 1ppm (mg/L) 0.01ppt (g/L)	$\pm 2\%$ FS
Salinity	0 to 99.9ppm (mg/L) 100 to 999ppm (mg/L) 1.00 to 9.99ppt (g/L)	0.1ppm (mg/L) 1ppm (mg/L) 0.01ppt (g/L)	$\pm 2\%$ FS
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)		