



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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



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)		