

ExStik[®] II Conductivity Kit

Waterproof meter incorporates a highly accurate multi-ranging sensor that measures four parameters - Conductivity, TDS, Salinity, and Temperature
With calibration standards, sample plastic cups and carrying case included for easy travel

Features:

- Autoranging meter offers 3 ranges with 8 units of measure including $\mu\text{S}/\text{cm}$, mS/cm , ppm, ppt, mg/L , g/L , $^{\circ}\text{F}$, and $^{\circ}\text{C}$
- Simultaneous display of Conductivity or TDS plus Temperature and bargraph
- Memory stores up to 15 labeled readings
- Adjustable Conductivity to TDS ratio factor from 0.4 to 1.0
- Self calibration on power up
- Waterproof to IP57
- 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 $^{\circ}\text{C}$
- Auto standard recognition for calibration ($84\mu\text{S}/\text{cm}$, $1413\mu\text{S}/\text{cm}$, and $12880\mu\text{S}/\text{cm}$)
- Easy to replace Conductivity cell module
- Plastic sample cup and iron cast weighted base allows for hands-free operation while holding up the meter during measurement stage
- 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 batteries, 48" (1.2m) neckstrap, and carrying case



Patents Pending

Ordering Information:

EC410ExStik[®] Conductivity/TDS/Salinity Kit
EC400ExStik[®] Conductivity/TDS/Salinity Meter
EC405Spare Conductivity Cell
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)
EX007Spare sample solution cups (24pk)
EX010Extension Cable, 3ft (1 Meter) with probe weight for ExStik
EX050Extension Cable, 16ft (5 Meters) with probe weight for ExStik
*ExStik[®] Conductivity cell is not interchangeable with other ExStik[®] meters

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 $19.99\text{mS}/\text{cm}$	$0.01\text{mS}/\text{cm}$	
TDS	0 to 99.9ppm (mg/L)	$0.1\text{ppm} (\text{mg}/\text{L})$	$\pm 2\%$ FS
	100 to 999ppm (mg/L)	$1\text{ppm} (\text{mg}/\text{L})$	
	1.00 to 9.99ppt (g/L)	$0.01\text{ppt} (\text{g}/\text{L})$	
Salinity	0 to 99.9ppm (mg/L)	$0.1\text{ppm} (\text{mg}/\text{L})$	$\pm 2\%$ FS
	100 to 999ppm (mg/L)	$1\text{ppm} (\text{mg}/\text{L})$	
	1.00 to 9.99ppt (g/L)	$0.01\text{ppt} (\text{g}/\text{L})$	
Temperature	32° to 149°F (0° to 65°C)	0.1°	$\pm 1.8^{\circ}\text{F}/1^{\circ}\text{C}$
Power	Four SR44W button batteries		
Dimensions	Meter: $1.4 \times 6.8 \times 1.6"$ ($36 \times 173 \times 41\text{mm}$)		
	Kit: $9.5 \times 6.8 \times 2.8"$ ($241 \times 173 \times 71\text{mm}$)		
Weight	Meter: 3.8 oz (110g)		
	Kit: 1.56 lbs (708g)		

Mouser Electronics

Authorized Distributor

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