

## ExStik<sup>®</sup> 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  $\mu\text{S}/\text{cm}$ ,  $\text{mS}/\text{cm}$ , ppm, ppt,  $\text{mg}/\text{L}$ ,  $\text{g}/\text{L}$ ,  $^{\circ}\text{F}$ , 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<sup>®</sup> 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:

EC410 .....ExStik<sup>®</sup> Conductivity/TDS/Salinity Kit  
 EC400 .....ExStik<sup>®</sup> Conductivity/TDS/Salinity Meter  
 EC405 .....Spare 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)  
 EX007 .....Spare sample solution cups (24pk)  
 EX010 .....Extension Cable, 3ft (1 Meter) with probe weight for ExStik  
 EX050 .....Extension Cable, 16ft (5 Meters) with probe weight for ExStik  
 \*ExStik<sup>®</sup> Conductivity cell is not interchangeable with other ExStik<sup>®</sup> 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)   | $0.1\text{ppm}$ (mg/L)     | $\pm 2\%$ FS                                |
|                | 100 to 999ppm (mg/L)  | $1\text{ppm}$ (mg/L)       |   |
|                | 1.00 to 9.99ppt (g/L)   | $0.01\text{ppt}$ (g/L)     |   |
| Salinity       | 0 to 99.9ppm (mg/L)   | $0.1\text{ppm}$ (mg/L)     | $\pm 2\%$ FS                                |
|                | 100 to 999ppm (mg/L)  | $1\text{ppm}$ (mg/L)       |   |
|                | 1.00 to 9.99ppt (g/L)   | $0.01\text{ppt}$ (g/L)     |   |
| Temperature    | $32^{\circ}$ to $149^{\circ}\text{F}$ ( $0^{\circ}$ to $65^{\circ}\text{C}$ ) | $0.1^{\circ}$              | $\pm 1.8^{\circ}\text{F}/1^{\circ}\text{C}$ |
| 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)  |                            |   |

