

# Conductivity/TDS Meters

**Waterproof meters with one high accuracy multi-ranging sensor that measures multiple parameters**  
Conductivity, TDS and Temperature

## Common Features:

- Units of measure include  $\mu\text{S}/\text{cm}$ ,  $\text{mS}/\text{cm}$ , ppm, ppt,  $^{\circ}\text{F}$ , and  $^{\circ}\text{C}$
- Large 3-1/2 digit (2000 count) LCD display
- Data Hold and low battery indication
- Auto Power off with disable
- Adjustable Automatic Temperature Compensation
- Waterproof design to withstand wet environment – meets IP65 standard
- Includes meter, protective sensor cap, and four LR44 button batteries. **Order Conductivity standards separately (required for calibration)**

## Model EC100:

- Measures Conductivity and Temperature with simultaneous readout display
- Two ranges for Conductivity with one point calibration per range

## Model EC150:

- Measures Conductivity, TDS and Temperature
- Adjustable Conductivity to TDS ratio factor from 0.4 to 1.0 — conveniently calculates the TDS value
- Simultaneous display of Conductivity or TDS, plus Temperature
- Two ranges for Conductivity and TDS with one point calibration per range



| Specifications   | Ranges                                                                 | Max. Resolution                                         | Basic Accuracy                              |
|------------------|------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------|
| Conductivity     | 0 to 1999 $\mu\text{S}/\text{cm}$<br>00 to 19.99 $\text{mS}/\text{cm}$ | 1 $\mu\text{S}/\text{cm}$<br>0.01 $\text{mS}/\text{cm}$ | $\pm 1\%$ FS                                |
| TDS (EC150 only) | 0 to 1999ppm<br>0 to 19.99ppt                                          | 1ppm<br>0.01ppt                                         | $\pm 1\%$ FS                                |
| Temperature      | 32 $^{\circ}$ to 122 $^{\circ}\text{F}$ (0 to 50 $^{\circ}\text{C}$ )  | 0.1 $^{\circ}\text{F}/^{\circ}\text{C}$                 | $\pm 0.9^{\circ}\text{F}/1^{\circ}\text{C}$ |
| Power            | Four LR44 button batteries                                             |                                                         |                                             |
| Dimensions       | 6.5 x 1.4 x 1.3" (165 x 35 x 32mm)                                     |                                                         |                                             |
| Weight           | 3.8oz (110g)                                                           |                                                         |                                             |

## Ordering Information:

EC100 .....Conductivity Meter  
EC150 .....Conductivity/TDS Meter  
EX006 .....Weighted base with 5 solution cups  
EX007 .....Spare sample solution cups (24pk)  
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

