

# Conductivity/TDS measurements made easy

## Meter Specifications

		Waterproof Pocket Tester Single Display		Waterproof Pocket Tester Large Dual Display					
<b>Conductivity Model</b>		<b>ECTestr low</b>	<b>ECTestr high</b>	<b>ECTestr 10 low</b>	<b>ECTestr 10 high</b>	<b>ECTestr 10 low+</b>	<b>ECTestr 10 high+</b>	<b>ECTestr 10 pure+</b>	
<b>Range</b>		0 to 1990 $\mu\text{S}/\text{cm}$	0 to 19.90 $\text{mS}/\text{cm}$	0 to 1990 $\mu\text{S}/\text{cm}$	0 to 19.90 $\text{mS}/\text{cm}$	0 to 1999 $\mu\text{S}/\text{cm}$	0 to 19.99 $\text{mS}/\text{cm}$	0 to 199.9 $\mu\text{S}/\text{cm}$	
<b>Resolution</b>		10 $\mu\text{S}/\text{cm}$	0.10 $\text{mS}/\text{cm}$	10 $\mu\text{S}/\text{cm}$	0.10 $\text{mS}/\text{cm}$	1 $\mu\text{S}/\text{cm}$	0.01 $\text{mS}/\text{cm}$	0.1 $\mu\text{S}/\text{cm}$	
<b>TDS Model</b>		<b>TDSTestr low</b>	<b>TDSTestr high</b>	<b>TDSTestr 10 low</b>	<b>TDSTestr 10 high</b>	<b>TDSTestr 10 low+</b>	<b>TDSTestr 10 high+</b>	<b>TDSTestr 10 pure+</b>	
<b>Range</b>		0 to 1990 ppm	0 to 10.00 ppt	0 to 1990 ppm	0 to 10.00 ppt	0 to 1999 ppm	0 to 10.00 ppt	0 to 199.9 ppm	
<b>Resolution</b>		10 ppm	0.10 ppt	10 ppm	0.10 ppt	1 ppm	0.01 ppt	0.1 ppm	
<b>TDS Factor</b>		0.40 to 1.0 (selectable)							
<b>Conductivity &amp; TDS Models</b>									
<b>Accuracy</b>				$\pm 1\%$ of Full Scale					
<b>Temperature Compensation</b>				ATC (0 to 50 $^{\circ}\text{C}$ )					
<b>Temperature</b>	<b>Temperature Coefficient</b>	2 % per $^{\circ}\text{C}$							
	<b>Calibration</b>	1 point							
	<b>Temp. Display</b>	No				Yes			
	<b>Range</b>	—				0.0 to 50.0 $^{\circ}\text{C}$			
	<b>Resolution</b>	—				0.1 $^{\circ}\text{C}$			
	<b>Accuracy</b>	—				$\pm 0.5\text{ }^{\circ}\text{C}$			
	<b>Calibration Window</b>	—				$\pm 5\text{ }^{\circ}\text{C}$			
<b>Meter Features</b>	<b>Non-volatile Memory</b>	Yes							
	<b>Auto Off</b>	After 8.5 minutes from last key operation							
	<b>Power Requirement</b>	4 x 1.5V 'A 76' Micro Alkaline Batteries							
	<b>Battery Life</b>	> 150 hours							
<b>Dimension (LxWxH)</b>	<b>Unit Only</b>	16.5 x 3.8 cm; 90 g							
<b>Weight (cm/g)</b>	<b>Boxed</b>	22 x 6 x 5cm; 170 g							

Tester	
Order Code.	Item
ECTESTLOW	ECTestr Low (0 - 1990 $\mu\text{S}/\text{cm}$ )
ECTESTHIGH	ECTestr High (0 - 19.90 $\text{mS}/\text{cm}$ )
ECTEST10LOW	ECTestr10 Low (0 - 1990 $\mu\text{S}/\text{cm}$ )
ECTEST10HIGH	ECTestr10 High (0 - 19.90 $\text{mS}/\text{cm}$ )
ECTEST10LOWPLS	ECTestr10 Low+ with temperature display (0 - 1999 $\mu\text{S}/\text{cm}$ )
ECTEST10HIGHPLS	ECTestr10 High+ with temperature display (0 - 19.99 $\text{mS}/\text{cm}$ )
ECTEST10PURE	ECTestr10 Pure+ with temperature display (0 - 199.9 $\mu\text{S}/\text{cm}$ )
TDSTESTLOW	TDSTestr Low (0 - 1990 ppm)
TDSTESTHIGH	TDSTestr High (0 - 10.00 ppt)
TDSTEST10LOW	TDSTestr10 Low (0 - 1990 ppm)
TDSTEST10HIGH	TDSTestr10 High (0 - 10.00 ppt)
TDSTEST10LOWPLS	TDSTestr10 Low+ with temperature display (0 - 1999 ppm)
TDSTEST10HIGHPLS	TDSTestr10 High+ with temperature display (0 - 10.00 ppt)
TDSTEST10PURE	TDSTestr10 Pure+ with temperature display (0 - 199.9 ppm)

Replacement Electrode	
Order Code.	Item
ECTDSSENSORPLS	Replacement Sensor for Waterproof ECTestr10+ Series, Cup type
ECTDSSENSOR	Replacement Sensor for Waterproof ECTestr10 & ECTestr Series, 2-pin type
ECTDSSENSORPLS	Replacement Sensor for Waterproof TDSTestr10+ Series, Cup type
ECTDSSENSOR	Replacement Sensor for Waterproof TDSTestr10 & TDSTestr Series, 2-pin type

1  $\text{mS}/\text{cm} = 1000\ \mu\text{S}/\text{cm}$  ( $\mu\text{S}$ : microSiemens /  $\text{mS}$ : miliSiemens)  
 1 ppt = 1000 ppm (ppm: parts per million / ppt: parts per thousand)