

**Useful in industrial water testing**  
**Sophisticated features at a reasonable price**

Measures conductivity (in a wide range of 0.1  $\mu\text{S}$  to 199 mS), salinity, TDS (total dissolved solids), and temperature. Determine water conditions in boilers, coolers, water conditioning, waste water, photography, environmental testing, aquariums, labs, industrial and quality control. The large LCD shows conductivity, TDS or salinity in large digits with time, date, and temperature (in  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$ ) shown simultaneously on the lower display. Scroll 99 data points directly on the LCD with time stamps, min/max/avg readings. Also, features hold, manual or auto range, and ATC (automatic temperature compensation). Comes in a hard carrying case complete with built in RS232 and DC9V ports, detachable probe with 3½-ft cord, and 4 AAA batteries. Uses optional AC Adapter (840027). EPA Equivalency Method: 120.1



DIM: 6¾" x 2¾" x 1¼" (171 x 70 x 32 mm). WEIGHT: 6.5 oz (185 g).

No.	Description
<b>850038</b>	<b>Conductivity / TDS / Salinity Meter</b>
850038P	Conductivity Probe
840052	Data Acquisition Software
840027	AC Adapter
840054	USB Cable
840089	Rubber Holster
840090	Water Resistant Instrument Pouch
840093	Field Tripod

	Range	Resolution	Accuracy
Conductivity $\mu\text{S}/\text{cm}$	0 to 19.9	0.01	$\pm 1\% \text{ fs} + 1\text{d}$
	0 to 199.9	0.1	
	0 to 1999	1	
Conductivity $\text{mS}/\text{cm}$	0 to 19.99	0.01	
	0 to 199.9	0.1	
TDS ppm	0 to 19.99	0.01	
	0 to 199.9	0.1	
	0 to 1999	1	
TDS ppt	0 to 19.99	0.01	
	0 to 199.9	0.1	
Salinity ppt	2 to 42 ppt	For conductivity and TDS reference only	
Temperature	32 to 176°F	0.1	$\pm 1^{\circ}\text{F} < 122^{\circ}\text{F}$
	0 to 80°C		$\pm 2^{\circ}\text{F} > 122^{\circ}$ $\pm 0.6^{\circ}\text{C} < 50^{\circ}\text{C}$ $\pm 1.0^{\circ}\text{C} > 50^{\circ}\text{C}$

