## SPER SCIENTIFIC

## **Benchtop Water Quality Meter**

## Reads pH, ORP (oxygen reduction potential), mV, conductivity, TDS (total dissolved solids), salinity and temperature

Rugged housing with large LCD displaying the parameter being measured together with time, date and temperature (in °C or °F).

• Automatic or manual temperature compensation

- Min/Max and 99 data points
- Data Hold

- Automatic or manual ranging
- N.I.S.T. buffer recognition
- Digital and analog outputs

- 5 calibration points
- Electrode status indication

Operates on AC voltage (no batteries). Comes ready to use with ATC conductivity and pH electrodes, benchtop probe holder, AC adaptor, computer cable, and software. Also accepts any pH or ORP probe with a standard BNC connector. EPA Equivalency Method: Alpha Method 2580.1992

DIM:  $8\frac{1}{2}$ " × 7" ×  $2\frac{1}{4}$ " (216 × 178 × 57 mm). DIM WITH HOLDER ARM:  $10'' \times 8'' \times 9''$  (254 × 203 × 229 mm). WEIGHT: 18.7 oz (530 g).

No.	Description		Conductivity mS/cm		0.01 0.1	
<b>860033</b> 840016 840049	Benchtop Water Quality Meter pH Probe	YEAR WARRANTY EPA	TDS ppm	0 to 19.99 0 to 199.9 0 to 1999	0.01 0.1 1	- ±1% fs + 1d
840049 840051 850088	Spear Tip pH Probe Flat Surface pH Probe ORP Probe	CEP	TDS ppt	0 to 19.99 0 to 199.9	0.01 0.1	-
850038P 850059P	Conductivity/TDS/Salinity Probe ATC pH Probe	RoHS Compliant 2002/96/EC	Salinity ppt	0 to 11.38 0 to 80	0.01 0.1	1% fs + 1 digit
840054	USB Cable	Code to view our	Temperature °F	23 to 176	0.1	±0.9°F
860030H	Benchtop Probe Holder	product demo.	Temperature °C	-5 to 80	0.1	±0.5°C



	Range	Resolution	Accuracy	
рН	pH 0 to 14		±0.02	
MV / ORP	-1999 to +1999	0.1 mV (-199.9 to +199.9) otherwise 1 mV	±0.2 mV (-199.9 to +199.9) otherwise ±2 mV	
Conductivity uS/cm	0 to 19.9 0 to 199.9 0 to 1999	0.01 0.1 1	- ±1% fs + 1d	
Conductivity mS/cm	0 to 19.99 0 to 199.9	0.01 0.1		
TDS ppm	0 to 19.99 0 to 199.9 0 to 1999	0.01 0.1 1		
TDS ppt	0 to 19.99 0 to 199.9	0.01 0.1		
Salinity ppt	0 to 11.38 0 to 80	0.01 0.1	1% fs + 1 digit	
Temperature °F	23 to 176	0.1	±0.9°F	
Temperature °C	-5 to 80	0.1	±0.5°C	