

# Water Quality Meter & Kit

## Interchangeable probes

Using interchangeable, plug and play probes, this versatile meter reads pH, mV, ORP, conductivity, salinity, TDS, DO and temperature. Order probes only for parameters currently required, and add additional probes in the future. The back-lit display simultaneously reads temperature in user selectable °C & °F. All measurements are automatically temperature compensated and DO measurements can be compensated for salinity and altitude as well. Automatic calibration recognition of pH buffers 4, 7 and 10. Also features auto power off, hold, min/max, fold-out easel back and a tripod screw. Comes with 9V battery and hard-shell, foam-lined carrying case with room for one or two probes. **PROBES NOT INCLUDED.** EPA Equivalency Method: 360.1 and Alpha Method 2580.1992.

DIM: 7" x 2¾" x 2" (177 x 68 x 45 mm). WEIGHT: 16 oz (489 g).








## Water Quality Meter pH Kit

Includes everything needed for immediate field use as a pH meter: Water Quality Meter 850081, pH Probe 840016; ATC Temperature Probe 840038; instructions, pH buffers 4, 7 & 10, deionized water; and a 9V battery. All of these are contained in a hard-shell, foam-lined carrying case. EPA Equivalency Method: 360.1 and Alpha Method 2580.1992.

KIT DIM: 11" x 9½" x 2" (279 x 241 x 51 mm).

No.	Description
<b>850081</b>	<b>Water Quality Meter</b>
<b>850086</b>	<b>Water Quality Meter pH Kit</b>
840016	pH Probe
840049	Spear Tip pH Probe
840051	Flar Surface pH Probe
850088	ORP Probe
840038	ATC Temperature Probe
850081C/TD	Conductivity/TDS Probe
850081C/SG	Pt Glass Low Conductivity Probe
850081DO	ATC Dissolved Oxygen Probe
840094	RS232 to USB Adaptor Cable
850089	Head with diaphragm for DO Probe
840044	Replacement Electrolyte for DO Probe
860008	pH 4, 3 bottles, 40 mL ea.
860009	pH 7, 3 bottles, 40 mL ea.
860010	pH 10, 3 bottles, 40 mL ea.
860011	Deionized Water, 3 bottles, 40 mL ea.
860012	pH Buffer Set: pH 4, pH 7, pH 10, 40 mL ea.
840090	Water Resistant Instrument Pouch
840093	Field Tripod

Specs for meter only, probe specs may vary		Range	Resolution	Accuracy		
pH Probe 840016 (BNC connector)		0 to 14	0.01	±(0.02 pH + 2 d)		
Spear Tip pH Probe 840049 (for non-liquid measurement, BNC connector)		pH			1 to 13	
Flat Surface pH Probe 840051 (BNC connector)						
ORP Probe 850088 (BNC connector)						
ATC Temp. Probe 840038 (for use with pH)		°F	32 to 140	0.1	±1.5	
		°C	0 to 60		±0.8	
ATC Conductivity/TDS/Salinity Probe 850081C/TD		µS	0 to 200	0.1	±(2% FS + 1 d)	
		mS	0.2 to 2,000 2 to 20 20 to 200			0.001 0.01 0.1
		PPM	0 to 132 132 to 1,320 1,320 to 13,200 13,200 to 132,000			0.1 1 10 100
		% Salinity	0 to 12			0.01
Pt Glass Low Conductivity Probe 850081C/SG		µS	0 to 200	0.1	±(2% FS + 1 d)	
ATC DO Probe 850081DO		DO	0 to 20 mg/L			0.1
	O <sub>2</sub> in Air	0 to 100.0%	±0.7			
	°F	32 to 122	±1.5			
	°C	0 to 50	±0.8			

