

WATER QUALITY METER 850081

Using **interchangeable probes** this versatile meter reads PH, mV, conductivity, TDS, D.O. temperature and ORP. The user can order probes for only the parameters currently required and add additional probes in the future. Intelligent probes electronically retain calibration information. **No recalibration is required when changing probes.** The display simultaneously reads temperature in user selectable °C & °F and all measurements are automatically temperature compensated. RS-232 port enables communication with a computer. Also features auto power off, hold and min-max. Fold out easel back and a tripod screw. Comes with 9V battery and a hard-shell foam-lined carrying case with room for one or two probes. Dim (main unit): 7¾" x 2½" x 1" (195 x 68 x 30 mm). Weight: (main unit): 8.8 oz (250 g).

NEW! WATER QUALITY METER PH Kit 850086

Includes everything needed for immediate field use as a pH meter; Water Quality Meter 850081 (which already has a built in BNC connector), epoxy body sealed reference combination electrode with a BNC connector and a 2½" cable, ATC Temperature Probe 850082, instructions, pH buffers 4, 7, & 10, deionized water, calibration tool, and a 9V battery. All of these are contained in the meters own slim but protective hard-shell foam-lined case. Dim: 11" x 7½" x 2½" (280 x 190 x 63 mm). Weight 2½ lbs (1.1 kg).

OPTIONAL ACCESSORIES

840090 Water Resistant Instrument Pouch
840092 Bench-Top Tripod
840093 Field Tripod
850080 Software
840057 RS232 Cable

pH & ORP.

BNC connector

Specs. for meter only, probe specs. may vary

Range


Resolution

Accuracy




pH	0 ~ 14	0.01	$\pm (0.02\text{PH} + 2\text{d})$
mV	0 ~ 1999	1	$\pm (0.5\% + 2\text{d})$


ATC Temperature Probe 850082 (for use with pH)

	°C	0 ~ 65	0.1	± 0.8
	°F	32 ~ 149		± 1.5


Conductivity Probe 850083

	mS	0.2 ~ 1.999	0.001	$\pm (3\%fs + 1\text{d})$
	mS	2 ~ 19.99	0.01	
	°C	0 ~ 60	0.1	0.8
	°F	32 ~ 140		1.5

Conductivity / TDS Probe 850084

	mS	0.2 ~ 2.000	0.001	$\pm (3\%fs + 1\text{d})$
	mS	2 ~ 20.00	0.01	
	PPM	132 ~ 1320	1	
	PPM	1320~13,200	10	
	°C	0 ~ 60	0.1	0.8
	°F	32 ~ 140		1.5

Dissolved Oxygen Probe 850085

	mg/L	0 ~ 20	0.1	± 0.4
	°C	0 ~ 50	0.1	0.8
	°F	32 ~ 122		1.5