



### Interchangeable probes

Using interchangeable probes, this versatile meter reads PH, mV, conductivity, TDS, DO 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. RS232 port enables communication with a computer. Also features auto power off, hold, 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: 8" × 2¾" × 1" (203 × 70 × 25 mm). WEIGHT: 7.2 oz (204 g).










### Water Quality Meter pH Kit

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.

KIT DIM: 11" × 9½" × 2" (279 × 241 × 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
850088	ORP Probe
850082	ATC Temperature Probe
850083	Conductivity Probe
850084	Conductivity/TDS Probe
850087	Dissolved Oxygen Probe
840057	RS232 Computer Cable
840094	RS232 to USB Adaptor Cable
850080	Intelligent Software
850089	Head with diaphragm for DO Probe
840044	Replacement Electrolyte for DO Probe
860008	pH 4, 3 bottles, 40 ml Each
860009	pH 7, 3 bottles, 40 ml Each
860010	pH 10, 3 bottles, 40 ml Each
860011	Deionized Water, 3 bottles, 40 ml
860012	pH Buffer Set, pH 4, pH 7, pH 10, 40ml Each
840090	Water Resistant Instrument Pouch
840092	Benchtop Tripod
840093	Field Tripod

Specs for meter only, probe specs may vary		Range	Res.	Accuracy
General Purpose pH Probe 840016 (BNC connector)				
	pH	0 ~ 14	0.01	± (0.02 pH + 2 d)
Spear Tip pH Probe 840049 (for use with non-liquid substances) (BNC connector)				
	pH	0 ~ 14	0.01	± (0.02 pH + 2 d)
ORP Probe 850088				
	mV	0 ~ 1999	1	± (0.5% + 2 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	± (3% fs + 1 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	± (3% fs + 1 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 850087 (4m cable)				
	mg/L	0 ~ 20	0.1	± 0.4
	°C	0 ~ 50	0.1	0.8
	°F	32 ~ 122		1.5



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