



### 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" x 2¾" x 1" (203 x 70 x 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" x 9½" x 2" (279 x 241 x 51 mm).

No.	Description
655 850081	Water Quality Meter
655 850086	Water Quality Meter pH Kit
655 840016	pH Probe
655 840049	Spear Tip pH Probe
655 850088	ORP Probe
655 850082	ATC Temperature Probe
655 850083	Conductivity Probe
655 850084	Conductivity/TDS Probe
655 850087	Dissolved Oxygen Probe
655 840057	RS232 Computer Cable
655 840094	RS232 to USB Adaptor Cable
655 850080	Intelligent Software
655 850089	Head with diaphragm for DO Probe
655 840044 for DO Probe	Replacement Electrolyte
655 860008	pH 4, 3 bottles, 40 ml Each
655 860009	pH 7, 3 bottles, 40 ml Each
655 860010	pH 10, 3 bottles, 40 ml Each
655 860011	Deionized Water, 3 bottles, 40 ml
655 860012	pH Buffer Set, pH 4, pH 7, pH 10,
40ml Each	
655 840090	Water Resistant Instrument Pouch
655 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

