



## Combination pH and ORP Tester

The **Combo** series of combination waterproof testers with advanced functions now includes the new model **HI 98121** for simultaneous pH and ORP measurements.

**HI 98121** also reads temperature, which is continuously displayed on the dual level LCD.

The pH electrode fiber junction can be easily pulled out for replenishment. The pH electrode cartridge can be quickly replaced with the supplied electrode removal tool. The encapsulated external stainless steel temperature sensor provides a fast response due to its close proximity to the pH electrode.

**HI 98121** works with common batteries and when turned on, displays the percentage of remaining battery life. The stability indicator ensures reliable readings.

The body is ergonomically designed and the meter will float if dropped into water.

### Specifications

#### HI 98121

Range	ORP	$\pm 1000$ mV
	pH	-2.00 to 16.00 pH
Resolution	Temperature	-5.0 to 60.0°C / 23.0 to 140.0°F
Resolution	ORP	1 mV
	pH	0.01 pH
	Temperature	0.1°C / 0.1°F
Accuracy (@20°C)	ORP	$\pm 2$ mV
	pH	$\pm 0.05$ pH
	Temperature	$\pm 0.5^\circ\text{C} / \pm 1^\circ\text{F}$
Calibration	ORP	factory calibrated
	pH	automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01 / 7.01 / 10.01 or 4.01 / 6.86 / 9.18)
Temperature Compensation		automatic for pH readings
Electrodes		HI 73127 replaceable pH electrode (included); fix ORP sensor
Battery Type / Life		4 x 1.5V with BEPS / approx. 250 hours of continuous use; auto-off after 8 minutes of non-use
Environment		-5 to 50°C (23 to 122°F); RH max 100%
Dimensions		163 x 40 x 26 mm (6.4 x 1.6 x 1.0")
Weight		100 g (3.5 oz.)

### Accessories

HI 73127	Spare pH electrode	HI 70006P	pH 6.86 buffer solution, 20 mL sachet, 25 pcs.
HI 73128	Electrode removal tool	HI 70007P	pH 7.01 buffer solution, 20 mL sachet, 25 pcs.
HI 7020M	200/275 mV test solution, 230 mL bottle	HI 70009P	pH 9.18 buffer solution, 20 mL sachet, 25 pcs.
HI 7091M	Reducing solution, 230 mL bottle	HI 70010P	pH 10.01 buffer solution, 20 mL sachet, 25 pcs.
HI 7092M	Oxidizing solution, 230 mL bottle	HI 70300M	Electrode storage solution, 230 mL bottle
HI 70004P	pH 4.01 buffer solution, 20 mL sachet, 25 pcs.		

For a complete range of calibration, cleaning and maintenance solutions, see section F.

### Ordering Information

**HI 98121** is supplied complete with protective cap, electrode removal tool, batteries and instructions.