HI98120 · HI98121

ORP and pH/ORP Testers

- Automatic one or two-point pH calibration (HI98121)
- Waterproof
  - Waterproof and designed to float
- ATC
  - Automatic Temperature Compensation (HI98121)
- HOLD feature
  - HOLD button to freeze readings on the display
- Battery indicator
  - Battery life indicator at startup

The HI98120 is a waterproof ORP and temperature meter, while the HI98121 measures pH, ORP, and temperature. The housing of these testers has been completely sealed against humidity and is designed to float.

Electrode replacement with the stainless steel round connector means there are no pins to bend or break during replacement.

HI73120 replaceable ORP cartridge for HI98120.

HI73127 replaceable pH cartridge for HI98121.

HI98120

HI98121

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LCD Display Features

On-screen battery life

LCD indicates the percentage of battery power remaining upon startup.

HOLD function

The HOLD function "freezes" the LCD display temporarily.

Standard or N.I.S.T buffer calibration (HI98121)

Automatic calibration is performed with two sets of memorized buffers for greater accuracy.

Replaceable pH (HI98121) or ORP (HI98120) electrode cartridge

The easy-to-replace electrode cartridge features a sturdy, snap-in connector with no pins which could bend or break.

Exposed temperature sensor

An exposed temperature sensor allows for rapid automatic temperature compensated pH measurements.

Pocket clip

A pocket clip is featured on the back of these testers.

Specifications		HI98120	HI98121
pH	Range	–	-2.00 to 16.00 pH
	Resolution	–	0.01 pH
	Accuracy	–	±0.05 pH
ORP	Range	± 1000 mV	± 1000 mV
	Resolution	1 mV	1 mV
	Accuracy	±2 mV	±2 mV
Temperature	Range	-5.0 to 60.0°C / 23.0 to 140.0°F	-5.0 to 60.0°C / 23.0 to 140.0°F
	Resolution	0.1°C / 0.1°F	0.1°C / 0.1°F
	Accuracy	±0.5°C / ±1°F	±0.5°C / ±1°F
Additional Specifications	ORP Calibration	factory calibrated	factory calibrated
	pH Calibration	–	automatic, one or two-point with two sets of standard buffers (pH 4.01 / 7.01 / 10.01 or 4.01 / 6.86 / 9.18)
	Temperature Compensation	–	automatic for pH readings
	Electrodes	HI73120 replaceable ORP electrode (included)	HI73127 replaceable pH electrode (included); fixed ORP sensor
	Battery Type / Life	1.5V (4) / approximately 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 / Weight	163 x 40 x 26 mm (6.4 x 1.6 x 1.0") / 100 g (3.5 oz.)	
Ordering Information	**HI98120** (ORP) is supplied with HI73120 ORP electrode, HI73128 electrode removal tool, 470 mV ORP test solution sachets (6), batteries, and instructions. **HI98121** (ORP/pH) is supplied with HI73127 pH electrode, HI73128 electrode removal tool, pH 4.01 buffer solution sachet, pH 7.01 buffer solution sachet, 470 mV ORP test solution sachets (2), pH electrode cleaning solution sachet, pH electrode storage solution sachet, batteries, and instructions.		

Protective cap

The protective cap features an internal cup that can be filled with storage solution to keep the sensor moist.

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