

pH/ORP and ORP Testers



HI 98120

HI 98121

- Waterproof and it floats!
- HANNA's exclusive cartridge pH and ORP electrode
- Extendable cloth pH junction (HI 98121)
- Automatic Temperature Compensation (HI 98121)
- Automatic calibration (HI 98121)
- Battery % Level at startup and stability indicator
- HOLD function

The HI 98120 is a waterproof ORP and temperature meter while HI 98121 measures pH, ORP and temperature. The housing of these testers have been completely sealed against humidity and are designed to float.

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

When the cloth junction becomes clogged and response time is sluggish, simply pull out 3 mm (1/8") to clear the clogging which will improve response time and stability.

The exposed stainless steel temperature sensor on these models facilitates faster and more accurate temperature measurement.

SPECIFICATIONS	HI 98120	HI 98121
Range		
ORP		± 1000 mV
pH	-	-2.00 to 16.00 pH
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		±2 mV
pH	-	±0.05 pH
Temperature		±0.5°C / ±1°F
Calibration		
ORP		factory calibrated
pH	-	automatic, one or two points with two 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 73120 replaceable ORP electrode (included)	HI 73127 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	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")	
Weight	100 g (3.5 oz.)	

ORDERING INFORMATION

HI 98120 (ORP) is supplied with HI 73120 ORP electrode, HI 73128 electrode removal tool, batteries and instructions.

HI 98121 (ORP/pH) is supplied with HI 73127 pH electrode, HI 73128 electrode removal tool, batteries and instructions.

ELECTRODES

HI 73127	Spare pH electrode (HI 98121)
HI 73120	Spare ORP electrode (HI 98120)
HI 73128	Electrode removal tool

SOLUTIONS

HI 7004M	pH 4.01 buffer solution, 250 mL
HI 7007M	pH 7.01 buffer solution, 250 mL
HI 7010M	pH 10.01 buffer solution, 250 mL
HI 7021M	ORP test solution, 240 mV, 250 mL
HI 7022M	ORP test solution, 470 mV, 250 mL
HI 70300L	Storage solution, 460 mL

For a complete list of Solutions, see the end of pH Section 3.