

HI98120 • HI98121

pH/ORP and 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.

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.



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



- Exposed temperature sensor
 - The exposed stainless steel temperature sensor facilitates faster and more accurate temperature measurement.



| 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, batteries and instructions. | | |
| | HI98121 (ORP/pH) is supplied with HI73127 pH electrode, HI73128 electrode removal tool, batteries and instructions. | | |

For a list of our pH and ORP calibration and electrode solutions, see section 3