

HI98127 (pHep®4) · HI98128 (pHep®5)

## pH and Temperature Testers

- **Waterproof**
  - Designed to float if accidentally dropped in water
- **Automatic Temperature Compensation**
  - All readings are compensated for variations in temperature
  - Temperature displayed in °C or °F along with pH reading
- **Stability indicator**
  - Meter displays a tag that will disappear when the reading has achieved stability
- **HOLD button**
  - Freezes reading on the display to allow recording of measurement
- **BEPS (Battery Error Prevention System)**
  - Meter will automatically shut off if there is not enough power to get an accurate measurement
- **Battery % level at startup**
- **Low Battery Indicator**
- **Automatic Shut-Off**
  - The meter can be set to automatically turn off after 8 minutes or 60 minutes to conserve battery life in the event that the meter is left on. The auto off feature can be disabled.

The pHep®4 and pHep®5 are waterproof pH testers that have many advanced features found in more expensive portable instrumentation. These ergonomic meters feature automatic one or two point calibration to a known buffer, automatic temperature compensation, battery percent level indicator at start up, and a stability indicator to alert the user when a stable reading has been obtained. The large multi level LCD display shows both pH and temperature simultaneously.



These meters also feature the HI73127 replaceable electrode with a stainless steel round connector. This cartridge design has no pins which could bend or break.



## 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

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



### Replaceable pH electrode cartridge

The Combo features an easy-to-replace pH electrode. The sturdy, snap-in connector means there are 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 the the pHep 4 and pHep 5

Specifications		HI98127 (pHep®4)	HI98128 (pHep®5)
pH	Range	-2.0 to 16.0 pH	-2.00 to 16.00 pH
	Resolution	0.1 pH	0.01 pH
	Accuracy	±0.1 pH	±0.05 pH
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	pH Calibration	automatic, one or two-point with two sets of standard buffers (pH 4.01 / 7.01 / 10.01 or pH 4.01 / 6.86 / 9.18)	
	Temperature Compensation	automatic	
	Battery Type / Life	1.5V (4) / approx. 300 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	<b>HI98127</b> (pHep®4) and <b>HI98128</b> (pHep®5) are supplied with HI73127 pH electrode, HI73128 electrode removal tool, pH 4.01 buffer solution sachets (2), pH 7.01 buffer solution sachets (2), electrode cleaning solution sachet, 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 pH sensor moist.