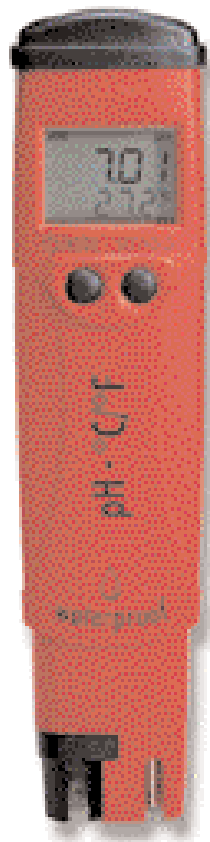


## Waterproof pH Testers with Replaceable Electrode

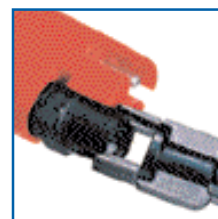


When HANNA instruments® introduced its first version of the pHep® (pH electronic paper) in 1986, it immediately revolutionized the standard in pH measurement. The pHep®'s ease-of-use in combination with its affordability made it possible for non-technical and technical personnel alike to measure pH on the spot, accurately and inexpensively throughout a variety of industries. Since its introduction, over 1 million pHep®s have gone to satisfied customers around the world.

We at HANNA instruments® have always valued the comments and suggestions coming from our customers. For this series, we have included all of the features you have asked for and more! The pHep® 4 and pHep® 5 include features such as a dual-level LCD, battery level indicator, replaceable pH electrode cartridge, instability indicator, automatic shut-off and automatic calibration all in a floating, waterproof casing.



The pHep® 4 and pHep® 5 use the exclusive cartridge pH electrode. Electrode replacement with the stainless steel round connector means there are no pins to bend or break during replacement.



The pHep®'s replaceable electrode has a pull-out cloth junction. When the cloth junction becomes dirty from routine testing, simply pull out 3 mm (1/8") to rejuvenate the electrode.



The pHep® 4 and pHep® 5's exposed temperature sensor provides fast response time, and its proximity to the pH electrode guarantees much more accurate temperature compensated readings.



### Specifications

	HI 98127 (pHep® 4)	HI 98128 (pHep® 5)
Range	pH -2.0 to 16.0 pH	pH -2.00 to 16.00 pH
	Temperature -5.0 to 60.0°C / 23.0 to 140.0°F	
Resolution	pH 0.1 pH	0.01 pH
	Temperature 0.1°C / 0.1°F	
Accuracy (@20°C)	pH ±0.1 pH	±0.05 pH
	Temperature ±0.5°C / ±1°F	
pH Calibration	automatic, at 1 or 2 points with 2 sets of memorized buffers (pH 4.01 / 7.01 / 10.01 or pH 4.01 / 6.86 / 9.18)	
Temperature Compensation	automatic	
Battery Type / Life	4 x 1.5V with BEPS / 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

HI 98127 (pHep® 4) is supplied complete with protective cap, electrode removal tool, batteries and instructions.

HI 98128 (pHep® 5) is supplied complete with protective cap, electrode removal tool, batteries and instructions.

### Accessories

HI 73127	Spare electrode for HI 98127 and HI 98128	HI 70009P	pH 9.18 buffer solution, 20 mL sachet, 25 pcs.
HI 70004P	pH 4.01 buffer solution, 20 mL sachet, 25 pcs.	HI 70010P	pH 10.01 buffer solution, 20 mL sachet, 25 pcs.
HI 70006P	pH 6.86 buffer solution, 20 mL sachet, 25 pcs.	HI 7061M	Cleaning solution, 230 mL bottle
HI 70007P	pH 7.01 buffer solution, 20 mL sachet, 25 pcs.	HI 73128	Electrode removal tool

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