

The Latest Invention from the Original Innovator



pHep[®] 4 & pHep[®] 5

Certified
ISO 9001

 **HANNA**
instruments
Manufacturers Since 1978

Only the Original Innovator Can Give You a Product Beyond Expectations.

When Hanna Instruments introduced its first version of the **pHep®** (pH electronic paper) in 1986, it immediately revolutionized the standards in pH measurement. The pHeps 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 have always valued the comments and suggestions coming from our customers.

For this new 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, stability indicator, automatic shut-off, automatic calibration, waterproof casing plus 100% buoyancy. We are proud to present to you the **pHep® 4** and the **pHep® 5**!



The **pHep® 4** and **pHep® 5** use Hanna's 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

Model		HI 98127	HI 98128
Range	pH	0.0 to 14.0	0.00 to 14.00
	Temperature	0.0 to 60.0°C or 32.0 to 140.0°F	0.0 to 60.0°C or 32.0 to 140.0°F
Resolution	pH	0.1	0.01
	Temperature	0.1°C or 0.1°F	0.1°C or 0.1°F
Accuracy (@20°C/28°F)	pH	±0.1	±0.05
	Temperature	±0.5°C or ±1°F	±0.5°C or ±1°F
Typical EMC Deviation	pH	±0.1	±0.02
	Temperature	±0.5°C or ±1°F	±0.5°C or ±1°F
Calibration		Automatic 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 / approximately 250 hours of continuous use	
Environment		0 to 50°C (32 to 122°F); RH 100%	
Weight/Dimensions		85 g (3.0 oz.)/163 x 40 x 26 mm (6.4 x 1.6 x 1")	

Authorized Distributor www.clarksonlab.com

pHep® 4 & pHep® 5

pHep® is a registered trademark of Hanna Instruments, Inc.

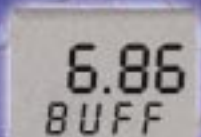
Key features at a glance



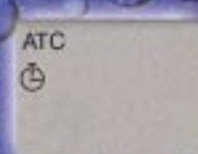
Battery Life Percentage Illuminated

Once turned on, the LCD indicates the percentage of battery power remaining.

Calibrate to Standard or N.I.S.T. Buffers



Automatic calibration is performed with 2 sets of memorized buffers for greater accuracy of measurement.



pH Stability & ATC Indicators

Stability of pH measurement is indicated by the timer symbol. The ATC symbol is shown when temperature compensation is active.

Celsius or Fahrenheit Temperature Selection



The **pHep® 4** & **5** allow the user to easily choose between temperature readout in °C or °F.



Hold Function

The **pHep® 4** & **5**'s HOLD feature temporarily holds the LCD display so you may view a single reading.

For more information contact Hanna Instruments at: 877 694.2662 or visit us on the web: www.hannainst.com

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