

**NEW**

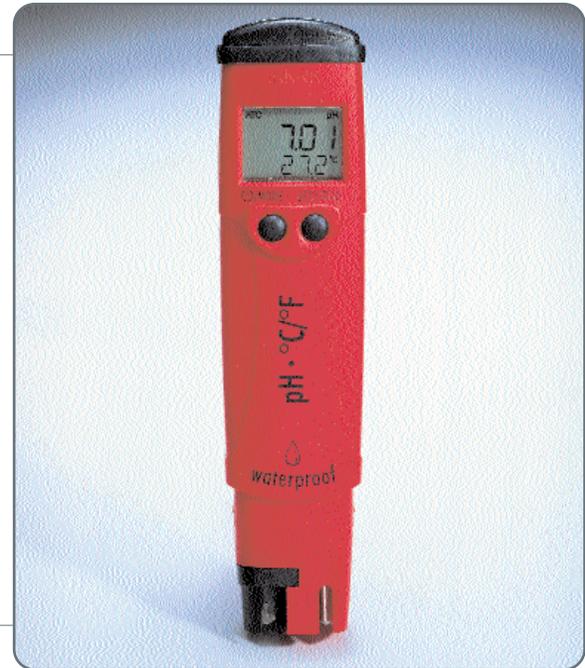
# pHep®4 & pHep®5

Testers

## pH/Temperature Testers Beyond Expectations!

### Features ...

When Hanna Instruments introduced its first version of the pHep® (pH electronic paper) in 1986, it immediately revolutionized the standards 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 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 and automatic calibration all in a floating, waterproof casing. We are proud to present to you the pHep®4 and pHep®5!



### ... and Benefits

#### Specifications

##### pHep®4

Range	pH	0.0 to 14.0
	Temperature	0.0 to 60.0°C or 32.0 to 140.0°F
Resolution	pH	0.1
	Temperature	0.1°C or 0.1°F
Accuracy (@20°C/68°F)	pH	±0.1
	Temperature	±0.5°C or ±1°F
Typical EMC Deviation	pH	±0.1
	Temperature	±0.5°C or ±1°F
pH 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 350 hours of continuous use; auto shut-off after 8 minutes of non-use	
Environment	0 to 50°C (32 to 122°F); RH 100%	
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1")	
Weight	85 g (3.0 oz.)	

##### pHep®5

Range	pH	0.00 to 14.00
	Temperature	0.0 to 60.0°C or 32.0 to 140.0°F
Resolution	pH	0.01
	Temperature	0.1°C or 0.1°F
Accuracy (@20°C/68°F)	pH	±0.05
	Temperature	±0.5°C or ±1°F
Typical EMC Deviation	pH	± 0.02
	Temperature	±0.5°C or ±1°F
pH 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 350 hours of continuous use; auto shut-off after 8 minutes of non-use	
Environment	0 to 50°C (32 to 122°F); RH 100%	
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1")	
Weight	85 g (3.0 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.

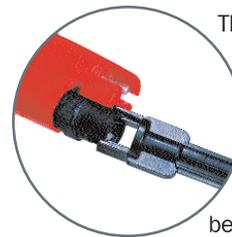
#### Accessories

HI 73127 pH electrode for HI 98127 & HI 98128  
 HI 77400P Cal. kit (pH 4 & 7, 20 ml, 5 pcs each)  
 HI 77700P Calibration kit (pH 7, 20 mL, 10 pcs)

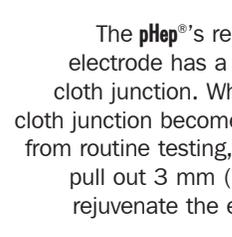
HI 770710P Cal. kit (pH 7 & 10, 20 mL, 5 pcs each)

HI 73128 Electrode removal tool

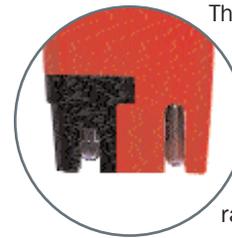
For a complete range of calibration and maintenance solutions see section F.



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.