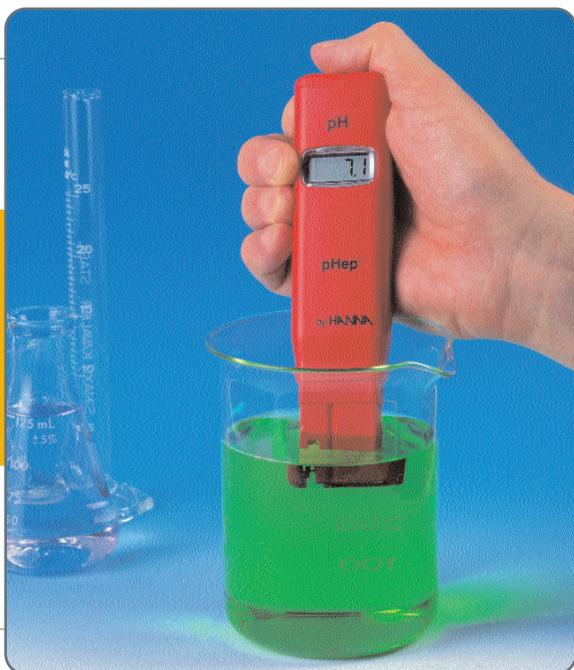


# The Original pHep®

pH Electronic Paper



## Features ...

Introduced in 1986, **pHep®** revolutionized the pH measurement by providing everyone with a simple, inexpensive pocket pH tester.

Today, the **pHep®** family of pH testers feature a casing that is more rugged and has been ergonomically enhanced to better fit your hand. The design of these testers also features a larger LCD so measurements are easier to read from any angle. Each instrument in the **pHep®** family comes with a protective cap that can be used as a measurement vessel. The electrode is replaceable by the operator. With the latest innovation of a non-clogging fiber junction the new **pHep®** meters last much longer. You can simply pull out 1-2 mm (1/8") of the junction fiber to completely renew it. The temperature sensor of the **pHep®+** is exposed and hence compensation is performed more rapidly. These testers have been the standard bearers of quick, on-the-spot testing of pH.

## ... and Benefits

- **Champ®** is a rugged pH tester with single point calibration and a battery life of over 1 year even if used everyday for up to 1 hour!
- **pHep®**, the standard in pH measurement with 0.1 pH accuracy, has 2 point calibration, large LCD, pull out replenishable junction and 1700 hours of battery life.
- **pHep®+** pH tester has all the features of the **pHep®** in addition to greater repeatability due to ATC.



### Specifications

<b>Champ®</b>	
Range	0.0 to 14.0 pH
Resolution	0.1 pH
Accuracy (@20°C/68°F)	±0.2 pH
Typical EMC Deviation	±0.2 pH
Calibration	Manual 1 point
Battery Type / Life	4 x 1.5V / approximately 800 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	175 x 41 x 23 mm (7.9 x 1.8 x 1")
Weight	78 g (2.7 oz.)
<b>pHep®</b>	
Range	0.0 to 14.0 pH
Resolution	0.1 pH
Accuracy (@20°C/68°F)	±0.1 pH
Typical EMC Deviation	±0.1 pH
Calibration	Manual 2 points
Battery Type / Life	4 x 1.5V / approximately 1700 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	75 x 41 x 23 mm (7.9 x 1.8 x 1")
Weight	78 g (2.7 oz.)
<b>pHep®+</b>	
Range	0.0 to 14.0 pH
Resolution	0.1 pH
Accuracy (@20°C/68°F)	±0.1 pH
Typical EMC Deviation	±0.1 pH
Calibration	Manual 2 points
Temperature Compensation	Automatic, 0 to 50°C (32 to 122°F)
Battery Type / Life	4 x 1.5V / approximately 700 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	175 x 41 x 23 mm (7.9 x 1.8 x 1")
Weight	78 g (2.7 oz.)

### Ordering Information

- HI 98106** (*Champ®*) is supplied with cap, batteries and instructions.  
**HI 98107** (**pHep®**) is supplied with cap, batteries and instructions.  
**HI 98108** (**pHep®+**) is supplied with cap, batteries and instructions.

### Accessories

- HI 73106** pH electrode for **HI 98106** and **HI 98107**  
**HI 73108** pH electrode for **HI 98108**  
**HI 77400P** Cal. kit (pH 4 & 7, 20 ml, 5 pcs each)  
**HI 77700P** Calibration kit (pH 7, 10 x 20 mL)  
**HI 770710P** Cal. kit (pH 7 & 10, 20 mL, 5 pcs each)  
**HI 7004M** Buffer solution pH 4.01, 230 mL  
**HI 7007M** Buffer solution pH 7.01, 230 mL  
**HI 7010M** Buffer solution pH 10.01, 230 mL  
**HI 70300M** Storage solution, 230 mL

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