

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

Champ®	
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.)
pHep®	
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.)
pHep®+	
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.