



HI 98106 Champ® • HI 98107 pHep® • HI 98108 pHep®+

Electronic pH Tester

with Replaceable Electrode

5

ISE/pH

The Standard for Quick, On-The-Spot Testing

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

Each instrument in the pHep® family comes with a protective cap that doubles as a measurement vessel. With our innovative non-clogging cloth junction the pHep® lasts much longer. Simply pull out 1-2 mm (1/8") of the extendable cloth junction to increase stability and response time. The temperature sensor of the pHep®+ is exposed for rapid temperature compensation.

| SPECIFICATIONS | HI 98106 (Champ®) | HI 98107 (pHep®) | HI 98108 (pHep®+) |
|-----------------------|--|--|--|
| Range | 0.0 to 14.0 pH | | |
| Resolution | 0.1 pH | | |
| Accuracy (@20°C/68°F) | ±0.2 pH | ±0.1 pH | ±0.1 pH |
| Calibration | manual, 1 point | manual, 2 point | manual, 2 points |
| Temp. Compensation | — | — | automatic, 0 to 50°C |
| Battery Type / Life | (4) 1.5V / approx. 800 hours of continuous use | (4) 1.5V / approx. 700 hours of continuous use | (4) 1.5V / approx. 200 hours of continuous use |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% | | |
| Dimensions | 175 x 41 x 23 mm (6.9 x 1.6 x 0.9") | | |
| Weight | 95 g (3.4 oz.) | | |

ORDERING INFORMATION

HI 98106 (Champ®) is supplied with protective cap, calibration screwdriver, batteries and instructions.

HI 98107 (pHep®) is supplied with protective cap, calibration screwdriver, batteries and instructions.

HI 98108 (pHep®+) is supplied with protective cap, calibration screwdriver, batteries and instructions.

ELECTRODES

HI 73106* Spare electrode for HI 98106 and HI 98107

HI 73108* Spare electrode for HI 98108

SOLUTIONS

HI 70004P pH 4.01 buffer solution, 20 mL sachets (25)

HI 70007P pH 7.01 buffer solution, 20 mL sachets (25)

HI 70010P pH 10.01 buffer solution, 20 mL sachets (25)

HI 7004M pH 4.01 buffer solution, 250 mL

HI 7007M pH 7.01 buffer solution, 250 mL

HI 7010M pH 10.01 buffer solution, 250 mL

HI 70300M Electrode storage solution, 250 mL

HI 7061M Cleaning solution, 250 mL

* To be replaced by authorized technical personnel only.



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The Original pHep®

Quick pH Measurements

Simple, precise and rugged, pHep® is the answer to the inaccuracy observed with litmus paper.

This tester family includes 3 models:

HI 96106 (Champ®): pH tester with 1 calibration point

HI 96107 (pHep®): pH tester with 1 calibration point and ±0.1 pH accuracy

HI 96108 (pHep®+): combining pHep®'s characteristics with automatic temperature compensation (ATC) and calibration at 2 points. The ATC system measures the temperature of the sample and compensates the pH reading. Precision is increased by this feature even in quick measurements.

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HI 96108 (pHep®+) is supplied with protective cap, calibration screwdriver, batteries and instructions

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|-----------------------|-------------------------------------|------------------|----------------------|
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| Resolution | 0.1 pH | 0.1 pH | 0.1 pH |
| Accuracy (@20°C/68°F) | ±0.2 pH | ±0.1 pH | ±0.1 pH |
| Calibration | manual, 1 point | manual, 1 point | manual, 2 points |
| Temp. Compensation | — | — | automatic, 0 to 50°C |
| Battery Type / Life | 3 x 1.5V / approx. 150 hours | | |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% | | |
| Dimensions | 150 x 30 x 21 mm (5.9 x 1.2 x 0.8") | | |
| Weight | 70 g (2.5 oz.) | | |