



Inexpensively Measuring the Purity of Water



Pure Water Test (PWT) enables you to check the purity of your distilled or demineralized water in laboratory or industrial environments. Ultra Pure Water (UPW) is an ideal tester for Megohm checks. PWT is ideally suited for fields such as Printed Circuit Board washing, laundry, steam cleaning, checking car battery water and all areas where distilled, demineralized or pure water is used. UPW is the first pure water tester to measure in 1/1000ths of micro-siemens and provides on-the-spot and fast checks of minute traces of contamination in your water, assuring high quality of finished products in processes. These testers are housed in a durable case that provides excellent protection against harsh industrial environments. The casing also features a larger LCD than previous models and is easier to handle with a more ergonomic shape.

Resistance of distilled/deionized water	Equivalent UPW reading
1 MΩ	1.000 μS/cm
2 MΩ	0.500 μS/cm
5 MΩ	0.200 μS/cm
10 MΩ	0.100 μS/cm
15 MΩ	0.067 μS/cm
20 MΩ	0.050 μS/cm

Specifications

	HI 98308 PWT	HI 98309 UPW
Range	0.0 to 99.9 μS/cm	0.000 to 1.999 μS/cm
Resolution	0.1 μS/cm	0.001 μS/cm
Accuracy (@20°C/68°F)	±2% F.S.	
Calibration	manual, 1 point	factory calibrated
Temperature Compensation	automatic, 0 to 50°C (32 to 122°F)	—
Battery Type / Life	4 x 1.5V / approx. 250 hours of continuous use	4 x 1.5V / approx. 120 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.)	

Accessories

HI 73308	Spare probe for HI 98308, to be substituted by authorized technical personnel only	HI 70033P	84 μS/cm calibration solution, 20 mL sachet, 25 pcs.
HI 73309	Spare probe for HI 98309, to be substituted by authorized technical personnel only	HI 7033M	84 μS/cm calibration solution, 230 mL bottle

Some typical conversions of measurements performed with PWT

μS/cm reading	resistivity	mg/L NaCl
99.9	10 KΩ	48
10	100 KΩ	4.6
1	1 MΩ	0.4
0.1	10 MΩ	0.02

Ordering Information

HI 98308 (PWT) is supplied complete with protective cap, calibration screwdriver, batteries and instructions.

HI 98309 (UPW) is supplied complete with protective cap, batteries and instructions.

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