



HI98308 • HI98309 Water Purity Testers

The HI98308 and HI98309 use a conductometric measurement to determine the purity of water.

The HI98308 Pure Water Test (PWT) enables users to check the purity of distilled or demineralized water in laboratory or industrial environments.

The HI98309 Ultra Pure Water (UPW) is an ideal tester for high purity water, which has less conductivity.

PWT is 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 (μS) and provides fast spot checks for minute traces of water contamination.

These testers are housed in durable casing that provides excellent protection against harsh industrial environments.

Specifications	HI98308 (PWT)	HI98309 (UPW)	
EC	Range	0.0 to 99.9 $\mu\text{S}/\text{cm}$	0.000 to 1.999 $\mu\text{S}/\text{cm}$
	Resolution	0.1 $\mu\text{S}/\text{cm}$	0.001 $\mu\text{S}/\text{cm}$
	Accuracy	$\pm 2\%$ F.S.	$\pm 2\%$ F.S.
Additional Specifications	Calibration	manual, one point	factory calibrated
	Temperature Compensation	automatic from 0 to 50°C (32 to 122°F) with $\beta=2\%/^{\circ}\text{C}$ typical	—
	Battery Type / Life	1.5V (4) / approximately 250 hours of continuous use	1.5V (4) / approximately 120 hours of continuous use
	Environment	0 to 50°C (32 to 122°F); RH max 95% non condensing	
	Dimensions	175 x 41 x 23 mm (6.9 x 1.6 x 0.9")	
	Weight	95 g (3.4 oz.)	
Ordering Information	HI98308 (PWT) and HI98309 (UPW) are supplied with protective cap, calibration screwdriver (HI98308 only), batteries and instructions.		