

SPECIFICATIONS

Range	0.000 to 1.999 $\mu\text{S}/\text{cm}$
Resolution	0.001 $\mu\text{S}/\text{cm}$
Accuracy (@20°C/68°F)	$\pm 2\%$ f.s.
Typical EMC Deviation	$\pm 0.5\%$ f.s.
Environment	0 to 50°C (32 to 122°F); 95% RH non-condensing
Battery Type	4 x 1.5V alkaline
Battery Life	approx. 120 hours of use
Dimensions	175 x 41 x 23 mm (6.9 x 1.6 x 0.8")
Weight	95 g (3.4 oz.)

ACCESSORIES

HI 73309	Spare probe
HI 731326	Calibration screwdriver (20 pcs)

WARRANTY

This meter is guaranteed for one year against defects in workmanship and materials when used for its intended purpose and maintained according to instructions. Probes are guaranteed for six months. This warranty is limited to repair or replacement free of charge. Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered. If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the instrument is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

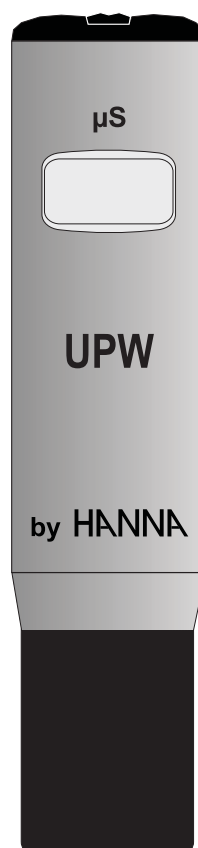
The UPW is in compliance with the CE directives.

IST98309 R5 05/05

UPW

HI 98309

Ultra Pure Water Tester



 **HANNA**[®]
instruments
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OPERATION

- Remove the protective cap, rinse the tester with distilled water, up to the maximum immersion level.
- Turn the **UPW** on and immerse it into the solution to be tested without exceeding the maximum immersion level.
- Stir gently and wait for the reading to stabilize.
- The display will show the measurement expressed in $\mu\text{S}/\text{cm}$ unit.
- To translate the reading into Mega-ohm, refer to the following table.



Resistance of Distilled/Deionized Water (MegaOhm)	Equivalent UPW reading ($\mu\text{S}/\text{cm}$)
1	1.000
2	0.500
5	0.200
10	0.100
15	0.067
20	0.050

PROBE REPLACEMENT

For replacing the probe, contact your Dealer or the nearest Hanna Service Center.

CALIBRATION

The **UPW** tester is factory-calibrated with freshly prepared low-conductivity solutions.

In fact, due to their high instability, calibration solutions in the **UPW** range (below $2 \mu\text{S}/\text{cm}$) can not be supplied with the meter.

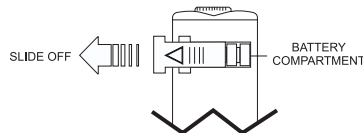
However, if your meter needs to be recalibrated, use a $1.500 \mu\text{S}/\text{cm}$ solution prepared by a qualified laboratory and keep it airtight.

- Immerse the probe into the calibration solution and allow the reading to stabilize.
- With a small screwdriver, adjust the calibration trimmer on the meter side until the display shows the solution value.

BEPS AND BATTERY REPLACEMENT:

UPW is provided with BEPS (Battery Error Preventing System) which avoids any erroneous reading due to low battery level, by automatically switching the meter off.

To replace the batteries, slide off the battery compartment cover and replace all four 1.5V batteries, while paying attention to the correct polarity.



Batteries should only be replaced in a non-hazardous area and using the battery type specified in this instruction manual.