

SPECIFICATIONS

| | |
|--------------------------|------------------------------------------------------------------------------------|
| Range | 0.0 to 99.9 $\mu\text{S}/\text{cm}$ |
| Resolution | 0.1 $\mu\text{S}/\text{cm}$ |
| Accuracy (@20°C/68°F) | $\pm 2\%$ f.s. |
| Typical EMC Deviation | $\pm 2\%$ f.s. |
| Calibration | Manual, 1 point, with trimmer |
| Cal. Solution | HI 70033 (84.0 $\mu\text{S}/\text{cm}$) |
| Temperature Compensation | Automatic, 0 to 50°C (32 to 122°F), with $\beta = 2\%/^{\circ}\text{C}$ typical |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% non-condensing |
| Battery Type | 4 x 1.5V alkaline |
| Battery Life | approx. 250 hours of use |
| Dimensions | 175 x 41 x 23 mm (6.9 x 1.6 x 0.9") |
| Weight | 95 g (3.4 oz.) |

ACCESSORIES

| | |
|-----------|--------------------------------------------------------------------------|
| HI 70033P | 84 $\mu\text{S}/\text{cm}$ calibration solution, 20 mL sachet, 25 pcs |
| HI 7033M | 84 $\mu\text{S}/\text{cm}$ calibration solution, 230 mL bottle |
| HI 73308 | Replaceable probe for PWT |
| HI 731326 | Calibration screwdriver (20 pcs) |

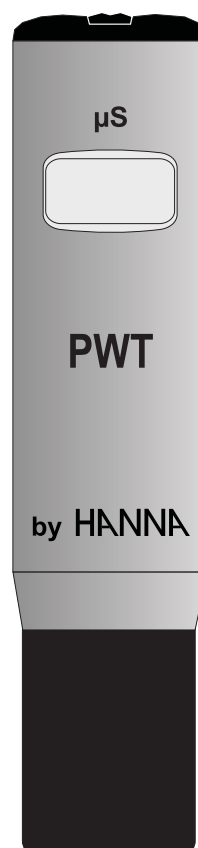
WARRANTY

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 PWT is in compliance with the CE directives.

PWT

HI 98308
Pure Water Tester
with Automatic Temperature
Compensation



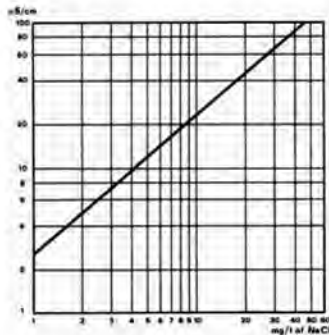
OPERATION

- Remove the protective cap and turn the PWT on by sliding the switch on the top of the meter.
- Immerse it into the solution to be tested without exceeding the maximum immersion level.
- Stir gently and wait for the reading to stabilize. PWT automatically compensates for temperature variations.
- Measurements are displayed in $\mu\text{S}/\text{cm}$ unit.



HOW TO USE THE CHART

- The following diagram shows the relation between conductivity ($\mu\text{S}/\text{cm}$) and NaCl concentration (mg/L) of a watery solution.



- These are some typical conversions of measurements performed with PWT:

| $\mu\text{S}/\text{cm}$ reading | Resistivity | mg/L NaCl |
|---------------------------------|----------------------|-----------|
| 99.9 | 10 $\text{k}\Omega$ | 48 |
| 10 | 100 $\text{k}\Omega$ | 4.6 |
| 1 | 1 $\text{M}\Omega$ | 0.4 |
| 0.1 | 10 $\text{M}\Omega$ | 0.02 |

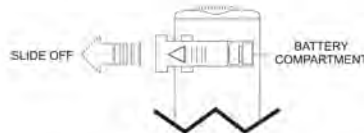
CALIBRATION

- Immerse the PWT in the HI 70033 calibration solution, without exceeding the maximum immersion level.
- Allow the reading to stabilize, and then using the supplied screwdriver adjust the calibration trimmer on the meter side until the display shows "84.0".

BEPS AND BATTERY REPLACEMENT:

PWT is provided with BEPS (Battery Error Preventing System) which avoids any erroneous reading due to low batteries 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.

PROBE REPLACEMENT

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