

SPECIFICATIONS

| | |
|---------------------------------|---|
| Range | 0 to 1999 ppm 0.0 to 60.0 °C |
| Resolution | 1 ppm / 0.1 °C |
| Accuracy | ±2% f.s. (ppm) / ±0.5 °C |
| Typical EMC Deviation | ±2% f.s. (ppm) / ±0.5 °C |
| TDS Factor | 0.5 |
| Calibration | Factory-calibrated |
| Temperature Compensation | Automatic from 0 to 60 °C $\beta=2\%/^{\circ}\text{C}$, $T(\text{ref.})=25^{\circ}\text{C}$ |
| Battery Type | 2 x 1.5V AAA alkaline |
| Battery Life | 1000 hours of continuous use |
| Auto-off | After 5 minutes of non-use |
| Environment | 0 to 50 °C; 100% RH |
| Dimensions | 94 x 38 x 440 mm (3.7 x 1.5 x 17.3") |
| Weight | 200 g (7.8 oz.) |

Warranty

All Hanna Instruments meters are warranted for two years against defects in workmanship and materials when used for their intended purpose and maintained according to instructions. 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 shipping costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

Recommendations for Users

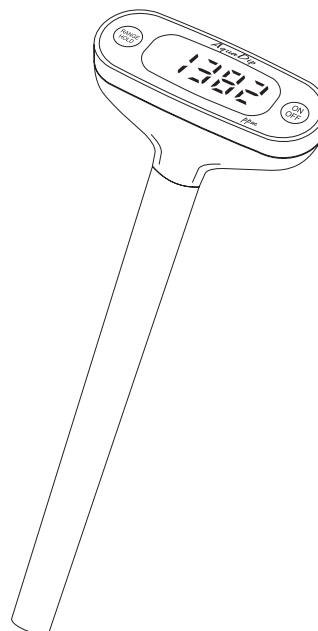
Before using this product, make sure that it is entirely suitable for the environment in which it is used. Operation of this instrument in residential areas could cause interference to radio and TV equipment. Any variation introduced by the user to the supplied equipment may degrade the instrument EMC performance. To avoid electrical shocks, do not use this instrument when voltage at the measurement surface exceeds 24 Vac or 60 Vdc. To avoid damage or burns, do not perform any measurement in microwave ovens.

IST04000102 03/05

Instruction Manual

AquaDip

**Rugged Waterproof
TDS / °C meter**



HANNA
instruments®
www.hannainst.com

Dear Customer,

Thank you for choosing a Hanna product.

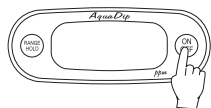
Please read this instruction manual carefully before using the instrument.

If you need additional technical information, do not hesitate to e-mail us at tech@hannainst.com.

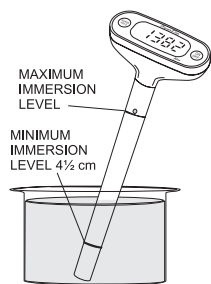
This instrument is in compliance with **CE** directives.

TAKING MEASUREMENTS

The meter is factory calibrated for ppm and temperature.

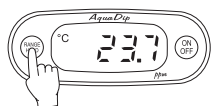


Press the ON/OFF key to turn the meter on.



Immerse the probe into the solution to be tested. The minimum water level must be approx. of 4½ cm, while the maximum level has not to exceed the indicated hole. If possible, tap the probe to remove any air bubbles that may be trapped inside.

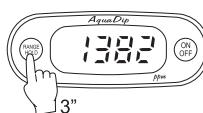
Allow for the reading to stabilize. The LCD displays the ppm reading.



Press the RANGE key to view the temperature reading. Press RANGE again to return to ppm reading.

If the ppm reading is out of range, the “---” indication is displayed. If the temperature reading is out of range, the “°C” symbol blinks.

HOLD FUNCTION



To freeze the current measurement on the LCD, press and hold the RANGE/HOLD key for about 3 seconds.

When the hold function is active, the LCD displays alternatively the “HLD” indication and the frozen reading.

Press RANGE to switch from ppm to temperature reading.

Press the ON/OFF key to exit the hold mode and return to normal operation.

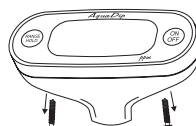
BATTERY REPLACEMENT

To prolong the battery life, the meter switches itself off after 5 minutes of non-use.

Variations in readings or fading display can indicate weak batteries.

If the batteries are too weak to support proper operations, the LCD displays the message “Eb” and then the meter switches itself off.

Battery replacement must only take place in a non-hazardous area using 1.5V AAA alkaline batteries.



In order to replace run down batteries, simply remove the two screws on the bottom cover and replace the two 1.5V AAA batteries with new ones, while paying attention to the correct polarity.