



HI9810422  
**HALO2 Wireless  
pH Tester**

Our HALO2 Wireless Lab pH Tester has a refillable glass body and spherical glass sensing bulb made for everyday laboratory use. Open-source Bluetooth® allows easy integration with the Hanna Lab App and current Laboratory Information Management System (LIMS).

**Specifications**

RNG.	0.00 to 14.00 pH
RES.	0.01 or 0.1 pH



HI98100/HI98103  
**Checker®  
pH Tester**

Maintaining proper pH is crucial for all aquarium life. The HI98100 and HI98103 are easy to use pH meters with replaceable electrodes and automatic two point calibration. These devices can be used in any aquarium to measure pH.

**Specifications**

	HI98100	HI98103
RNG.	0.00 to 14.00 pH	0.0 to 14.0 pH
RES.	0.01 pH	0.1 pH



HI98107/HI98108  
**pHep Pocket  
pH Tester**

Measuring pH and temperature is critical for all aquariums. The pHep and pHep+ are waterproof pH & temperature meters perfect for any aquarium. These meters have built-in electrodes with extractable cloth junction to increase the life of the unit.

**Specifications**

	HI98107	HI98108
RNG.	0.0 to 14.0 pH	0.0 to 14.0 pH
RES.	0.1 pH	0.01 pH



HI98319  
**Marine Salinity  
Tester**

Designed to bring simplicity to salinity testing during any process, the HI98319 Marine Salinity Tester measures conductivity (EC) to determine the salinity of natural and artificial seawater. Within seconds, the salinity and temperature are digitally displayed on the LCD.

**Specifications**

RNG.	0.0 to 70.0 ppt (g/L); 0.0 to 70.0 PSU; 1.000 to 1.041 S.G.
RES.	0.1 ppt (g/L); 0.1 PSU; 0.001



HI98303  
**DiST TDS Tester  
(0 to 2000 µS/cm)**

It is best practice to stay near zero total dissolved solids (TDS) for top-off water in reef aquariums. The DiST 3 is a low-range total dissolved solids tester that is perfect for reverse osmosis water or freshwater aquariums. Temperature compensated for accurate results.

**Specifications**

RNG.	0 to 2000 µS/cm
RES.	1 µS/cm

## Accessories & Solutions



**Microfiber Cloth**  
**HI731318** (4) Microfiber Cloth for Wiping Cuvettes



**Graduated Pipette**  
**HI731339** Pipette (100 µL) for Calcium Checker (HI758)



**Glass Cuvettes**  
**HI731315** (2) Glass Cuvettes with caps for Checker HC



**Cleaning Solution**  
**HI93703-50** Cuvette Cleaning Solution 230 mL bottle



**Deionized (DI) water**  
**HI70436M** Ultra-pure deionized water 230 mL bottle



**pH 4.01  
Calibration Solution**  
**HI7004M** 230 mL bottle  
**HI7004L** 500 mL bottle  
**HI70004P** 25 x 20 mL sachets



**pH 7.01  
Calibration Solution**  
**HI7007M** 230 mL bottle  
**HI7007L** 500 mL bottle  
**HI70007P** 25 x 20 mL sachets



**pH 10.01  
Calibration Solution**  
**HI7010M** 230 mL bottle  
**HI7010L** 500 mL bottle  
**HI70010P** 25 x 20 mL sachets



**pH Cleaning Solution**  
**HI7061M** General Cleaning Solution 230 mL bottle  
**HI70000P** General Rinsing Solution 25 x 20 mL sachets



**pH Storage Solution**  
**HI70300M** 230 mL bottle  
**HI70300L** 500 mL bottle  
**HI70300G** Storage Solution 25 x 20 mL sachets

[hannainst.com](http://hannainst.com)



The  
**Aquarium**  
Collection





HI772

## Alkalinity (dKH)

Alkalinity is vital for coral calcification and pH stabilization. Maintaining the proper alkalinity levels in a reef tank is vital for proper coral growth and prevents rapid pH swings. The HI772 measures alkalinity in degrees Karbonathärte (dKH). Comes with alkalinity reagent starter kit for 25 tests.

Specifications	
Range	0.0 to 20.0 dKH
Resolution	0.1 dKH
Method	Colorimetric method
Additional Reagents	
Reagent Set	HI772-26 (25 tests)
Calibration Set	HI772-11



HI758

## Calcium

Calcium is crucial for skeletal formation in corals. Regular supplementation is needed for corals to properly grow and thrive in aquaria. The HI758 is specifically designed to measure calcium concentrations in saltwater marine environments. Comes with calcium reagent starter kit for 25 tests.

Specifications	
Range (RNG.)	200 to 600 ppm
Resolution (RES.)	1 ppm
Method	Adaptation of the Zincon method
Additional Reagents	
Reagent Set	HI758-26 (25 tests)
Calibration Set	HI758-11



HI783

## Magnesium

The first marine magnesium test of its kind! Magnesium is vital in saltwater environments as it allows calcium and carbonate to be bioavailable for corals and invertebrates. Designed as a more accurate alternative to chemical test kits, the HI783 provides quick, accurate results in a few easy steps.

Specifications	
Range (RNG.)	1000 to 1800 ppm
Resolution (RES.)	5 ppm
Method	Adaptation of the Colorimetric EDTA method
Additional Reagents	
Reagent Set	HI783-25 (25 tests)
Calibration Set	HI783-11



HI774

## Ultra Low Range Phosphate

Testing for phosphates is standard practice for saltwater aquariums and provides valuable insight into your reef tank's water chemistry to help ensure long-term coral health. The HI774 is a cost-effective way to measure phosphate in marine systems. Comes with alkalinity reagent starter kit for 10 tests.

Specifications	
Range (RNG.)	0.00 to 0.90 ppm
Resolution (RES.)	0.01 ppm
Method	Ascorbic-Acid method
Additional Reagents	
Reagent Set	HI774-25 (25 tests)
Calibration Set	HI774-11



HI780

## Marine pH Checker

pH is a measure of hydrogen ion concentration in your water; the higher the concentration is, the more acidic your water has. Designed as a more accurate alternative to chemical test kits, the HI780 provides quick, accurate results in a few easy steps.

Specifications	
Range (RNG.)	6.3 to 8.6 pH
Resolution (RES.)	0.1 pH
Method	Colorimetric Adaptation of Phenol Red Method
Additional Reagents	
Reagent Set	HI780-25 (100 tests)
Calibration Set	HI780-11



HI782

## Nitrate (High Range)

Nitrate is the final step in the Nitrogen cycle. Excessive amounts of nitrates in saltwater aquariums facilitate the growth of undesirable organisms such as algae and dinoflagellates. The HI782 is a simple, accurate, and cost-effective way to measure nitrate in your saltwater aquarium.

Specifications	
Range (RNG.)	0.0 to 75.0 ppm (as NO <sub>3</sub> -)
Resolution (RES.)	0.01 ppm
Method	Works with seawater samples
Additional Reagents	
Reagent Set	HI782-25 (25 tests)
Calibration Set	HI782-11



HI784

## Ammonia

Ammonia is naturally found as part of the nitrogen cycle of a tank as aquarium organisms produce it as waste. The HI784 provides an uncomplicated, accurate, and budget-friendly way to measure ammonia (NH<sub>3</sub>/NH<sub>4</sub><sup>+</sup>) in saltwater/marine environments.

Specifications	
Range (RNG.)	0.00 to 2.50 ppm (mg/L) NH <sub>3</sub>
Resolution (RES.)	0.01 ppm
Method	Adaptation of the Salicylate Method
Additional Reagents	
Reagent Set	HI784-25 (25 tests)
Calibration Set	HI784-11



HI702

## High Range Copper

Copper toxicity can cause decreased immune response from a slowed antibody production, leading to an increased susceptibility of infectious diseases. The HI702 is a simple, accurate way to measure high ranges of copper. Comes with phosphorus reagent starter kit for 6 tests.

Specifications	
Range (RNG.)	0.00 - 5.00 ppm
Resolution (RES.)	0.01 ppm
Method	Adaptation of the EPA method
Additional Reagents	
Reagent Set	HI702-25 (25 tests)
Calibration Set	HI702-11



HIREEF-2

## Reef Professional Kit

Monitor the health of your saltwater reef aquarium with the Reef Professional Kit for Alkalinity (dKH), Calcium, ULR Phosphate, and Salinity.

HI772	Marine Alkalinity (dKH) Checker
HI758U	Marine Calcium Checker
HI774	Marine Phosphate - ultra low range Checker
HI98319	Waterproof Salinity/Temperature Tester
HI774-25	Marine Phosphate - ULR, reagents for 25 tests
HI70024P	35.00 ppt Salinity calibration sachets
HI70436M	Deionized water, 230mL bottle