

NEW

Checker[®]
handheld colorimeter

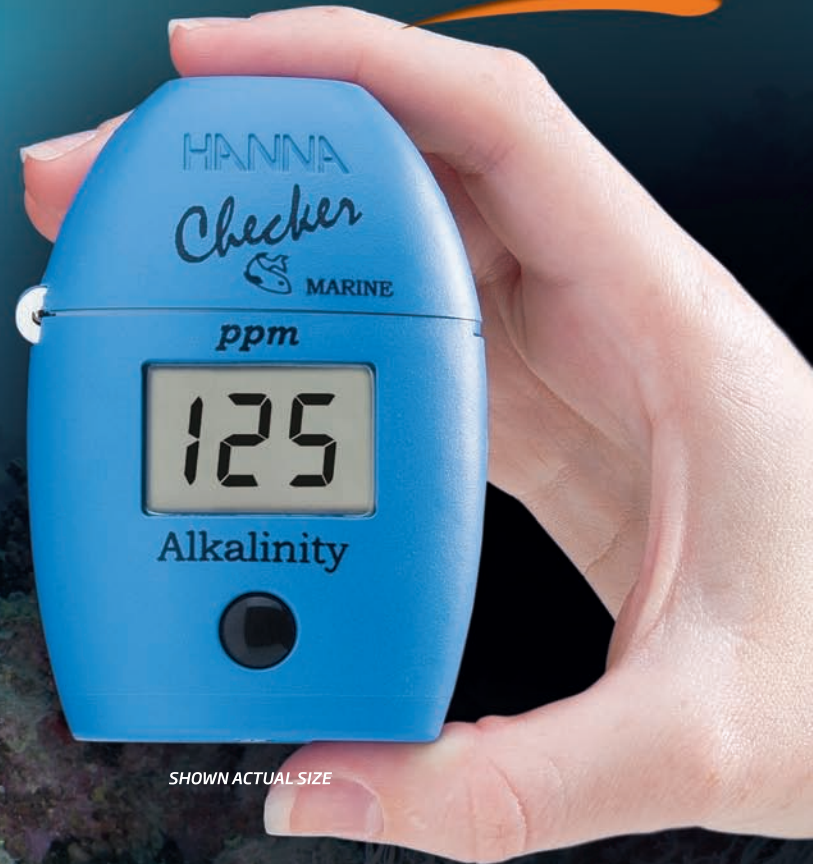


ACCURATE

ALKALINITY

MEASUREMENT

for Saltwater Aquariums



SHOWN ACTUAL SIZE

Colorimetric Method

WWW.HANNACHECKER.COM

 **HANNA**[®]
instruments
With Great Products, Come Great Results™

Checker[®]

handheld colorimeter

Easier to use and more accurate than chemical test kits

- Colorimetric method
- Accuracy ± 5 ppm $\pm 5\%$ of reading
- 1 ppm (mg/L) resolution
- Large, easy to read digits
- Auto shut off

Dedicated to a single parameter

- Designed to work with HANNA's liquid reagents
- Uses 10 mL glass cuvettes

Small size, big convenience

- Weighing a mere 64 g (2.25 oz.), the Checker[®]HC easily fits into the palm of your hand or pocket
- Use for quick and accurate on the spot analysis
- Single button operation: zero and measure
- Operated by a single AAA battery



SHOWN ACTUAL SIZE

ACCURATE AND AFFORDABLE ALKALINITY MEASUREMENT

Alkalinity is one of the most important parameters to measure in salt water aquaria. It helps maintain a stable pH, an important factor for most aquatic life. In seawater, bicarbonate is by far the largest contributor to alkalinity. Alkalinity is measured instead of bicarbonate levels, which are otherwise quite difficult to determine. Bicarbonate is a critical element, as corals must have a ready supply of carbonate and bicarbonate to form their skeletons. Without an adequate level of alkalinity, therefore, healthy coral growth is not possible. The alkalinity of natural seawater is typically 125 ppm CaCO_3 equivalents (7 dKH). The generally accepted alkalinity range in

marine aquaria is 125 - 200 ppm CaCO_3 equivalents (7 - 11 dKH). Some corals may benefit from even higher alkalinity levels; however, at high alkalinity, calcium will precipitate out as calcium carbonate, an undesirable outcome.

The HANNA HI 755 Checker[®]HC bridges the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate and have low resolution while professional instrumentation can cost hundreds of dollars and can be time consuming to calibrate and maintain. The HANNA HI 755 Checker[®]HC is accurate *and* affordable.

The Checker[®]HC features an accuracy of ± 5 ppm (mg/L) $\pm 5\%$ of reading and uses the colorimetric method.

The contoured style of this Checker[®]HC fits in your palm and pocket perfectly and the large LCD is easy to read. The auto shut-off feature assures the battery life will not be drained if you forget to turn it off.

The HI 755 Checker[®]HC is extremely simple to use. After zeroing the instrument with your water sample, add the reagent to the cuvette and gently invert 5 times. Then insert the cuvette into the HI 755 Checker[®]HC and press the button to read the results. It's that easy.



ACCURATE, REPEATABLE RESULTS.

The HANNA Checker®HC is tested against actual standards to assure the highest accuracy.



IT'S EASY TO MEASURE SAMPLES WITH THE CHECKER®HC



"Zero" the Checker®HC with your unreacted water sample



Add liquid reagent to the sample and invert 5 times



Insert the cuvette into the Checker®HC



Press the button and read the results. It's that easy!

HIGH ACCURACY, AFFORDABLE PRICE

Checker[®]
handheld colorimeter

SPECIFICATIONS	HI 755 (Alkalinity)
Range	0 to 300 ppm (mg/L)
Resolution	1 ppm (mg/L)
Accuracy @ 25°C/77°F	±5 ppm (mg/L) ±5% of reading
Light Source	LED @ 610 nm
Light Detector	silicon photocell
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Battery Type	(1) 1.5V AAA
Auto-off	After ten minutes of non-use
Dimensions	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)
Method	Colorimetric method

ORDERING INFORMATION

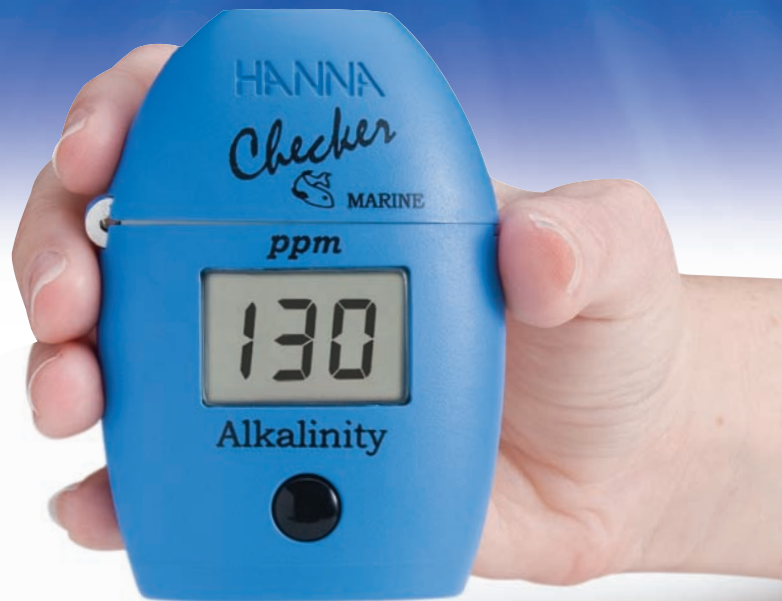
HI 755 Checker[®]HC is supplied with (2) sample cuvettes with caps, liquid reagents for alkalinity (25 tests approx.), syringe with tip, battery and instructions.

REAGENTS AND STANDARDS

HI 755-26 Reagents for 25 tests (alkalinity)
HI 755-11 Calibration checking set
0 and 100 ppm (alkalinity)

ACCESSORIES

HI 731318 Cuvette cleaning cloth (4)
HI 731321 Glass cuvettes (4)
HI 731225 Caps for cuvettes (4)
HI 93703-50 Cuvette cleaning solution, 230 mL



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See our full line of HANNA Checker[®]HC's at:

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instruments
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