

HI 755

Alkalinity Handheld Colorimeter

www.easeongear.com
[click to buy: www.hannameters.com](http://www.hannameters.com)

Alkalinity is one of the most important parameters to measure in salt water aquariums. It helps to maintain a stable pH, an important factor for most aquatic life. In seawater, bicarbonate is the largest contributor to alkalinity. Bicarbonate is a critical element needed for healthy corals. Corals need bicarbonate and carbonate available to form their skeletons. Without an adequate level, healthy coral growth is not possible. Since bicarbonate levels can be difficult to determine, total alkalinity is determined instead. The alkalinity of natural seawater is typically 125 ppm CaCO_3 (7dKH). In salt water aquariums typical alkalinity values can range from 125 to 200 ppm CaCO_3 (7-11.2 dKH).

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.



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

Ideal for

Saltwater aquariums

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

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) $\pm 5\%$ 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