

NEW

Hanna Instruments
Checker[®]
handheld colorimeter



ACCURATELY MEASURE

PHOSPHORUS

ULTRA LOW RANGE

for Saltwater Aquariums



SHOWN ACTUAL SIZE

Ascorbic Acid 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

Adaptation of Standard Method Ascorbic Acid

Accuracy $\pm 5\%$ of reading ± 10 ppb

1 ppb resolution (200 points)

Large, easy to read digits

Auto shut-off



Dedicated to a single parameter

Designed to work with HANNA's powder 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 PHOSPHORUS ULR MEASUREMENT

Phosphorous (as phosphate) can be introduced to aquaria through feed, decaying plant and animal waste, and even tap water, so it can quickly become so abundant that it becomes a nuisance. Phosphate is a driving factor in excess algae growth, so it is important to keep levels as close to zero as possible.

The HANNA HI 736 Checker[®]HC bridges the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate and only give 5 to 10 points resolution while professional instrumentation can cost hundreds of dollars and can be time consuming to calibrate and maintain. The HANNA HI 736 Checker[®]HC is accurate *and* affordable.

This Checker[®]HC features an accuracy of $\pm 5\%$ of reading and uses an adaptation of Standard Method Ascorbic Acid.

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 736 Checker[®]HC is extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Last, Place the vial into the HI 736 Checker[®]HC, press the button and read the results. It's that easy.

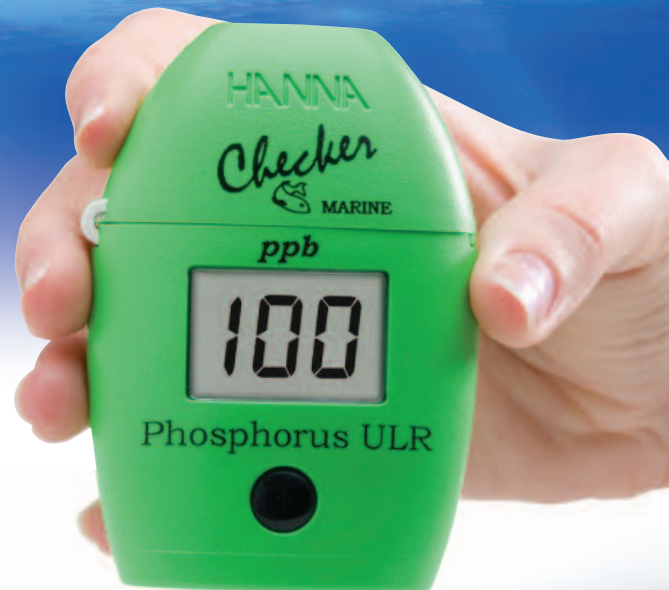
WE DESIGN, MANUFACTURE, SUPPLY AND SUPPORT ALL OF OUR PRODUCTS.

THAT'S 360° VALUE

Over the past 30 years, HANNA has never failed to design fresh and innovative products. The new Checker®HCs are no exception. We are excited to introduce such high accuracy and ease of use in a small, modern design that fits in the palm of your hand.

HANNA is the largest family-owned manufacturer of analytical instrumentation in the world. The new series of Checker®HCs are manufactured in our European state-of-the-art ISO 9001:2000 production facility. Each Checker®HC is CE compliant to EN 61326-1 and EN 61010-1 standards.

When you buy a HANNA product, you're not only buying the best value for your money, but you're also adding the benefit of HANNA's unsurpassed customer service and post-sale technical support.



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



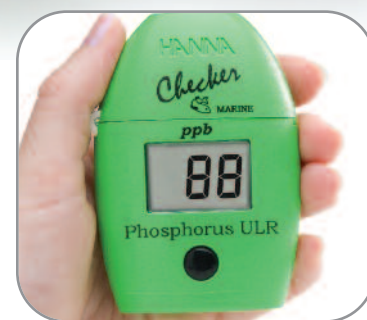
"Zero" the Checker®HC with your unreacted water sample



Add reagent to your water sample



Place the vial into your Checker®HC



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

HIGH ACCURACY, AFFORDABLE PRICE

Checker[®]
handheld colorimeter

SPECIFICATIONS **HI 736 (Phosphorus ULR)**

Range	0 to 200 ppb
Resolution	1 ppb
Accuracy	±5% of reading ±10 ppb @ 25°C
Light Source	LED @ 525 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 3 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	Adaptation of Standard Method Ascorbic Acid.

ORDERING INFORMATION

HI 736 Checker[®]HC is supplied with (2) sample cuvettes with caps, (6) powder reagents for phosphorus, (1) 1.5V AAA battery and instructions.

REAGENTS AND STANDARDS

- HI 736-25** Reagents for 25 tests (phosphorus)
- HI 736-11** Calibration standard kit (0 and 100 ppb phosphorus)

ACCESSORIES

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

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