

**NEW**

**Checker**<sup>®</sup>  
handheld colorimeter



ACCURATELY MEASURE

**NITRITE**

**ULTRA LOW RANGE**

**for Saltwater Aquariums**

Diazotization Method

[WWW.HANNACHECKER.COM](http://WWW.HANNACHECKER.COM)



SHOWN ACTUAL SIZE

 **HANNA**<sup>®</sup>  
instruments  
With Great Products, Come Great Results™

# Checker<sup>®</sup>

handheld colorimeter

## Easier to use and more accurate than chemical test kits

- Adaptation of EPA Diazotization method
- Accuracy  $\pm 10$  ppb  $\pm 4\%$  of reading
- 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<sup>®</sup>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 NITRITE ULR MEASUREMENT

Nitrites are an intermediate form of nitrogen, produced when ammonia is converted into nitrate during the Nitrogen Cycle. As organic matter decays, it produces ammonia. Highly toxic ammonia is converted into nitrite by bacteria, and the nitrite is converted into nitrate by another bacteria. Nitrite is dangerous to aquatic life if it builds up, causing tissue damage that can lead to illness and death.

The HANNA HI 764 Checker<sup>®</sup>HC bridges the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate while professional instrumentation can cost hundreds of dollars and can be time consuming to calibrate and maintain. The HANNA HI 764 Checker<sup>®</sup>HC

is accurate *and* affordable.

The HI 764 Checker<sup>®</sup>HC portable handheld colorimeter features a resolution of 1 ppb and uses an adaptation of EPA Diazotization method 354.1.

The contoured style of this Checker<sup>®</sup>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 764 Checker<sup>®</sup>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 764 Checker<sup>®</sup>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®HC's 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®HC's 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



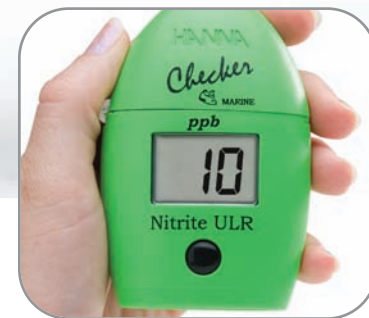
"Zero" the Checker®HC with your unreacted water sample



Add reagent to your water sample



Place the cuvette into your Checker®HC



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

HIGH ACCURACY, AFFORDABLE PRICE

Checker<sup>®</sup>  
handheld colorimeter

SPECIFICATIONS	HI 764 (Nitrite ULR)
Range	0 to 200 ppb
Resolution	1 ppb
Accuracy @ 25°C/77°F	±10 ppb ±4% of reading
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 two 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 EPA Diazotization method 354.1.

#### ORDERING INFORMATION

HI 764 Checker®HC is supplied with sample cuvettes with caps (2), powder reagents for phosphorus (6), battery and instructions.

#### REAGENTS AND STANDARDS

HI 764-25 Reagents for 25 tests (nitrite)  
HI 764-11 Calibration checking set  
(0 and 100 ppb nitrite)

#### 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



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

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