

# Checker<sup>®</sup>

handheld colorimeter

ACCURATE

IODINE

MEASUREMENT



SHOWN ACTUAL SIZE

DPD Method

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

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

# Checker<sup>®</sup> HC

handheld colorimeter

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

DPD method

±0.1 ppm ±5% of reading accuracy

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

## Ideal for:

Swimming pools and spas, industrial processes and disinfection



SHOWN ACTUAL SIZE

## ACCURATE AND AFFORDABLE IODINE MEASUREMENT

Iodine is sometimes used as a disinfectant for swimming pools, spas and potable water. It has also found use as a disinfectant in the poultry industry. The rapid determination of iodine is required for adequate control of this bactericide.

The HANNA Checker<sup>®</sup>HC's bridge 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 718 and Checker<sup>®</sup>HC is accurate *and* affordable.

The HI 718 Checker<sup>®</sup>HC portable handheld

colorimeter features a resolution of 0.1 ppm and accuracy of ±0.1 ppm ±5% of reading. This Checker<sup>®</sup>HC uses a modification of the DPD method used for residual chlorine.

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 718 is extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Last, place the vial into the instrument, press the button and read the results. It's that easy.

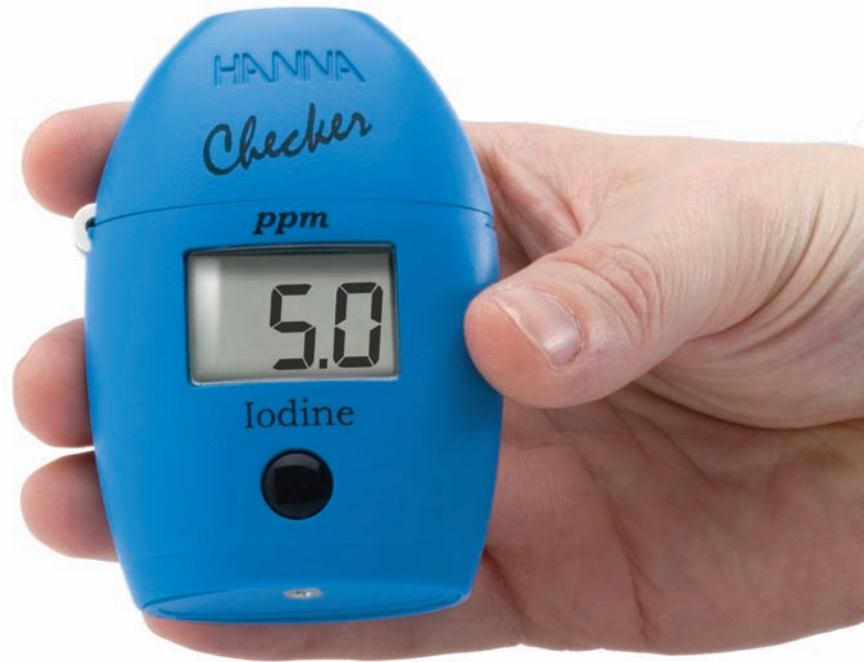
**WE DESIGN, MANUFACTURE, SUPPLY AND SUPPORT ALL OF OUR PRODUCTS.**

**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



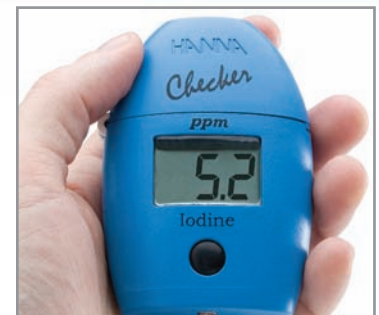
"Zero" the Checker®HC with your unreacted water sample



Add reagent to your water sample



Place the cuvette into your Checker®HC



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

Checker<sup>®</sup>  
handheld colorimeter

SPECIFICATIONS	HI 718 (Iodine)
Range	0.0 to 12.5 ppm (mg/L)
Resolution	0.1 ppm (mg/L)
Accuracy @ 25°C/77°F	±0.1 ppm ±5% 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	1.5V AAA
Auto-off	after two minutes of non-use and ten seconds after reading
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 the Standard Methods for the Examination of Water and Wastewater, 18th edition, DPD method.

#### ORDERING INFORMATION

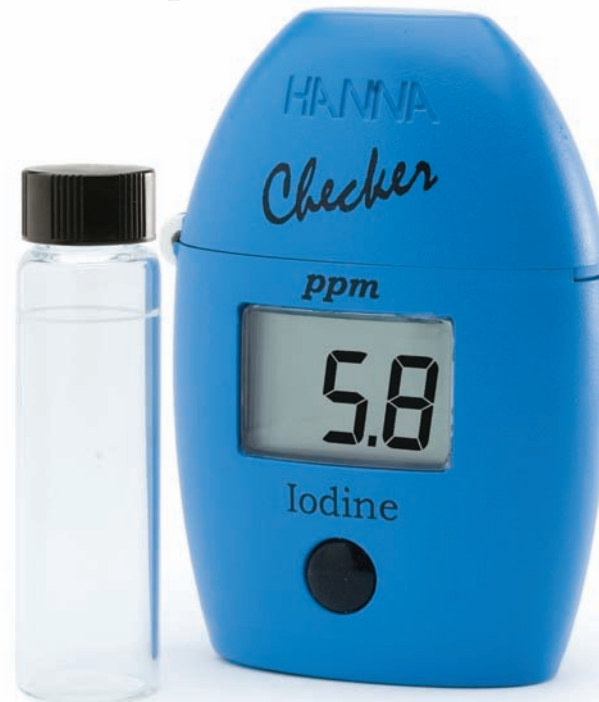
HI 718 Checker<sup>®</sup>HC is supplied with sample cuvettes with caps (2), powder reagents for iodine (6), battery and instructions.

#### REAGENTS AND STANDARDS

HI 718-25 Reagents for 25 tests (iodine)  
 HI 718-11 Calibration checking set  
 0.0 and 1.0 ppm (iodine)

#### 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



SHOWN ACTUAL SIZE

See our full line of HANNA Checker<sup>®</sup>HC's at:

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

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