

# Checker<sup>®</sup>

handheld colorimeter

**NEW**

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>

handheld colorimeter

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

DPD method

Accuracy  $\pm 0.1$  ppm (mg/L)  $\pm 5\%$  of reading

0.1 ppm (mg/L) resolution (125 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

## Ideal for

Swimming pools and spas, industrial processes and disinfection



## ACCURATE AND AFFORDABLE IODINE MEASUREMENT

Iodine is sometimes used as a disinfectant for potable, swimming pools and spa waters. 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 HI 718 Checker<sup>®</sup>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 718 Checker<sup>®</sup>HC is both accurate *and* affordable.

The HI 718 Checker<sup>®</sup>HC portable handheld colorimeter features a resolution of 0.1 ppm (125 points) and  $\pm 0.1$  ppm  $\pm 5\%$  of reading accuracy. The HI 718 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 Checker<sup>®</sup>HC is extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Last, Place the cuvette into the HI 718 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!



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handheld colorimeter

SPECIFICATIONS	HI 718 (Iodine)
Range	0.0 to 12.5 ppm (mg/L)
Resolution	0.1 ppm (mg/L)
Accuracy	±0.1 ppm ±5% of reading @ 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 2 minutes of non-use and after read
Dimensions	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)
Method	DPD method

#### ORDERING INFORMATION

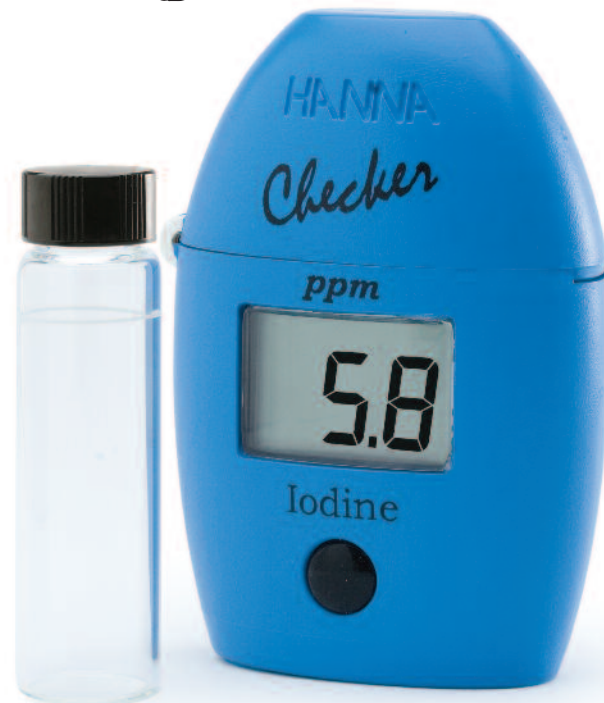
**HI 718** Checker<sup>®</sup>HC is supplied with (2) sample cuvettes with caps, (6) powder reagents for iodine, (1) 1.5V AAA battery and instructions.

#### REAGENTS AND STANDARDS

**HI 718-25** Reagents for 25 tests (iodine)  
**HI 718-11** 0.0 and 1.0 ppm standards (iodine)

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

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