

Checker[®]

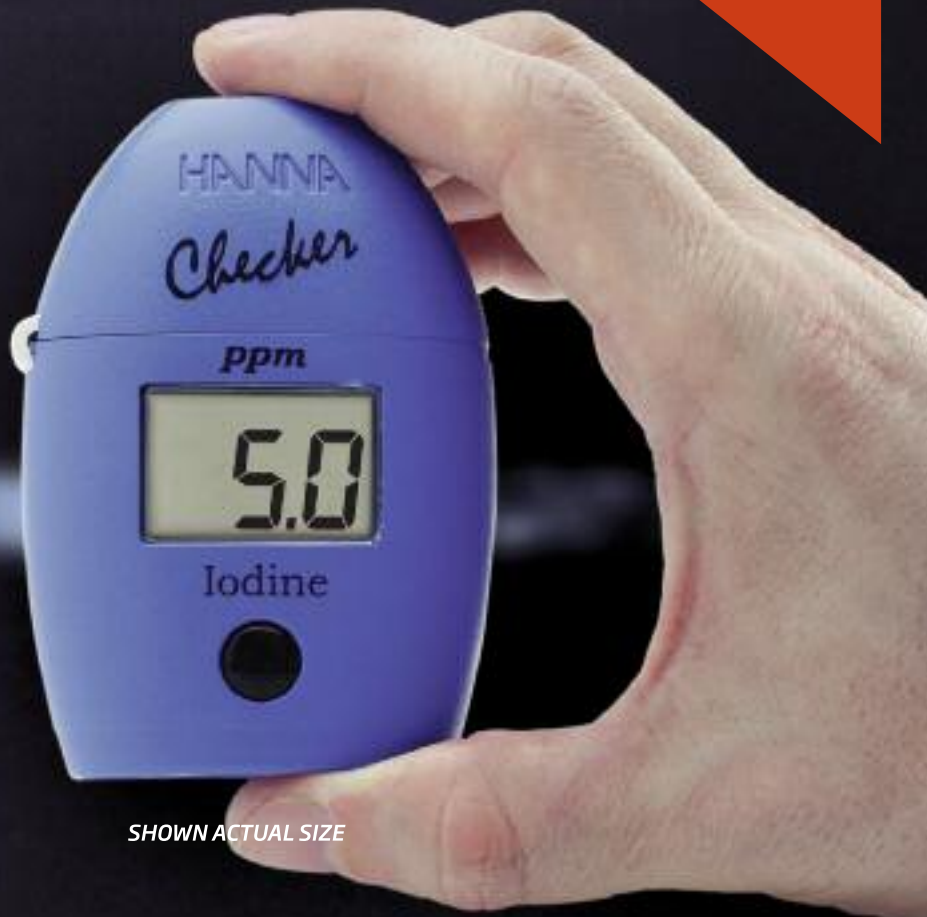
handheld colorimeter

NEW

ACCURATE

IODINE

MEASUREMENT



SHOWN ACTUAL SIZE

DPD Method

WWW.HANNACHECKER.COM

 **HANNA[®]**
instruments
With Great Products, Come Great Results[™]



Easier to use and more accurate than chemical test kits

DPD method

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

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®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 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®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®HC is accurate *and* affordable.

The HI 718 Checker®HC portable handheld colorimeter features a resolution of 0.1 ppm (125 points) and $\pm 5\%$ of reading ± 0.1 accuracy. The HI 718 Checker®HC uses a modification of the DPD method used for residual chlorine.

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 718 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 718 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®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 vial into your Checker®HC



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

Checker[®]
handheld colorimeter

| SPECIFICATIONS | HI 718 (Iodine) |
|----------------|--|
| Range | 0.0 to 12.5 ppm (mg/L) |
| Resolution | 0.1 ppm (mg/L) |
| Accuracy | ±5% of reading ±0.1 ppm (mg/L) |
| 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®HC is supplied with (2) sample cuvettes with caps, (6) powder reagents for iodine, (1) 1.5V AAA battery and instructions.

Total Chlorine (HI 711), **Free Chlorine** (HI 701), **Iron** (HI 721) and **Phosphate** (HI 713) Checker®HC's also available

REAGENTS AND STANDARDS

HI 718-25 Reagents for 25 tests (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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