

# Checker<sup>®</sup>

handheld colorimeter

FREE AND TOTAL  
CHLORINE  
MEASUREMENT



SHOWN ACTUAL SIZE

EPA approved DPD Method

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

# Checker<sup>®</sup> HC

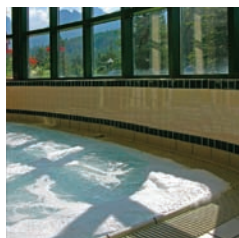
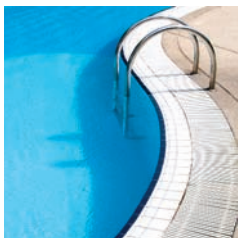
handheld colorimeter

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

- EPA approved DPD method
- $\pm 0.03$  ppm  $\pm 3\%$  of reading accuracy
- 0.01 ppm resolution (250 points for free chlorine, 350 for total chlorine)
- 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

- 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, fruit and vegetable sanitation, disinfection, drinking water and quality control checks

## ACCURATE AND AFFORDABLE CHLORINE MEASUREMENT

Chlorine is the most common water disinfectant. The monitoring of chlorine is crucial in applications such as swimming pools and spas, fruit and vegetable sanitation, disinfection and drinking water. By monitoring this crucial parameter, serious health and safety risks can be avoided.

The HANNA HI 711 and HI 701 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 711 and HI 701 Checker<sup>®</sup> HC's are accurate and affordable.



SHOWN ACTUAL SIZE

These Checker<sup>®</sup>HC portable handheld colorimeters feature a resolution of 0.01 ppm (250 points for free chlorine, 350 for total chlorine) and  $\pm 0.03$  ppm (mg/L)  $\pm 3\%$  of reading accuracy. They also use an EPA approved DPD method.

The contoured style of these Checker<sup>®</sup>HC's fit 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 711 and HI 701 Checker<sup>®</sup>HC's are extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Last, place the vial into the 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!

Checker<sup>®</sup>  
handheld colorimeter

SPECIFICATIONS	HI 711 (Total Chlorine)	HI 701 (Free Chlorine)
Range	0.00 to 3.50 ppm (mg/L)	0.00 to 2.50 ppm (mg/L)
Resolution	0.01 ppm (mg/L)	
Accuracy @ 25°C/77°F	±0.03 ppm ±3% 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 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 USEPA method 330.5, DPD method	

#### ORDERING INFORMATION

**HI 711** Checker®HC is supplied with sample cuvettes with caps (2), powder reagents for Total Chlorine (6), battery and instructions.

**HI 701** Checker®HC is supplied with sample cuvettes with caps (2), powder reagents for Free Chlorine (6), battery and instructions.

#### REAGENTS AND STANDARDS

- HI 711-25** Reagents for 25 tests (Total Cl<sub>2</sub>)
- HI 701-25** Reagents for 25 tests (Free Cl<sub>2</sub>)
- HI 711-11** Calibration checking set  
0.00 and 1.00 ppm (Total Cl<sub>2</sub>)
- HI 701-11** Calibration checking set  
0.00 and 1.00 ppm (Free Cl<sub>2</sub>)

#### 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



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

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

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