

Iodine Handheld Colorimeter

1

HANNA CHECKER®HC SERIES AND CHEMICAL TEST KITS



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®HCs 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®HC is accurate and affordable.

The HI 718 Checker®HC portable handheld colorimeter features a resolution of 0.1 ppm and accuracy of ± 0.1 ppm $\pm 5\%$ of reading. This 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 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.

Easier to use and more accurate than chemical test kits

DPD method

± 0.1 ppm $\pm 5\%$ 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®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

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 $\pm 5\%$ 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) 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®HC is supplied with sample cuvettes with caps (2), powder reagents for iodine (6), battery and instructions.

REAGENTS AND STANDARDS

HI 7318-25	Reagents for 25 tests (iodine)
HI 7318-11	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