

HI718

## Iodine

## Handheld Colorimeter

- Easier to use and more accurate than chemical test kits
  - DPD method
  - $\pm 0.1$  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
- 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
- Ideal for:
  - Swimming pools and spas
  - Industrial processes and disinfection



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®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 of points resolution, while professional instrumentation can cost hundreds of dollars and can be time-consuming to calibrate and maintain. The HI718 Checker HC is both accurate and affordable.

The HI718 Checker HC portable handheld colorimeter features a resolution of 0.1 ppm and accuracy of  $\pm 0.1$  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 or 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.

Specifications	HI718
Range	0.0 to 12.5 ppm
Resolution	0.1 ppm
Accuracy @25°C (77°F)	$\pm 0.1$ 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	1.5V AAA (1)
Auto-off	after two minutes of non-use
Dimensions	86.0 x 61.0 x 37.5 mm (3.4 x 2.4 x 1.5")
Weight	64 g (2.3 oz)
Method	adaptation of the Standard Methods for the Examination of Water and Wastewater, 18th edition, Periodate method. The reaction between iodine and the reagent causes a pink tint in the sample.
Ordering Information	<b>HI718</b> Checker®HC is supplied with sample cuvettes with caps (2), iodine reagent starter kit (reagents for 6 tests), battery, and instructions.
Reagent Set	<b>HI718-25</b> (25 tests)
Calibration Set	<b>HI718-11</b>