



## Iodine Meter

The disinfectant properties of iodine have led to its use as an alternative to chlorine and bromine.

Unlike chlorinated pools, water treated with iodine decreases eye irritation among swimmers, and provides a level of disinfection more stable to adverse conditions.

However, its toxic and corrosive properties and the difficulties of dissolving it in water has limited a more widespread application. One of its most common applications is in poultry industry process water.

**HI 93718**, a microprocessor-based meter with lab-grade accuracy, determines iodine in water inexpensively and in seconds.

The only thing you have to do is add the reagent to your sample, press the "READ" button and get precise measurements!



### Specifications

HI 93718 (Iodine)	
Range	0.0 to 12.5 mg/L
Resolution	0.1 mg/L
Accuracy (@20°C/68°F)	±0.1 mg/L ±5% of reading
Light Source	LED (Light Emitting Diode) 555 nm
Light Life	Life of the instrument
Light Detector	Silicon Photocell
Battery Type / Life	1 x 9V / approx. 40 hours of continuous use; Auto-off after 10 minutes of non-use
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
Weight	290 g (10 oz.)
Method	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 18 <sup>th</sup> ed. The reaction between iodine and the reagent causes a pink tint in the sample

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 731325	Cuvet cap (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 93718-01	Reagent kit for 100 tests (I <sub>2</sub> )
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93718-03	Reagent kit for 300 tests (I <sub>2</sub> )
HI 93703-50	Cuvet cleaning solution (230 mL)		
HI 731321	Measuring cuvet (4 pcs)		

### Ordering Information

HI 93718 is supplied complete with 2 cuvetts, battery and instructions.

For a comprehensive list of accessories, see sections U and V