

# HI 93716

Bromine



## Bromine Meter

Bromine is often utilized instead of chlorine as a disinfectant because of its less volatile nature.

Its action has more effective results when the pH value is above 7.4, and the main application is pools, spas and hot tubs.

Like all chemicals used for this purpose, the concentration must be within acceptable limits, which vary according to the application.

HI 93716 provides you with lab grade accuracy and repeatability at the touch of a button assured by the advanced microprocessor circuitry.

In addition, operating in the range from 0.00 to 8.00 mg/L make this meter a perfect tool to measure bromine in a wide range of applications.

A resolution of 0.01 mg/L gives you the same precision as a higher level photometer!

### Specifications

<b>HI 93716 (Bromine)</b>	
Range	0.00 to 8.00 mg/L
Resolution	0.01 mg/L
Accuracy (@20°C/68°F)	±0.08 mg/L ±3% 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., DPD method. The reaction between bromine and the reagent causes a pink tint in the sample

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 731321	Measuring cuvet (4 pcs)
HI 710010	Shockproof rubber boot, orange	HI 731325	Cuvet cap (4 pcs)
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93716-01	Reagent kit for 100 tests (Br <sub>2</sub> )
HI 93703-50	Cuvet cleaning solution (230 mL)	HI 93716-03	Reagent kit for 300 tests (Br <sub>2</sub> )

### Ordering Information

HI 93716 is supplied complete with 2 cuvetts, battery and instructions.

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