

# HI 93101

Bromine, Chlorine, Cyanuric Acid, Iron, Iodine and pH



## C 101 - Bromine, Chlorine, Cyanuric Acid, Iron, Iodine and pH

This top-of-the-range multi-parameter photometer can save you time and money. If you need a simple, but professional meter measuring the most important constituents of water, especially in pools and spas, then HI 93101 has been designed for you.

The housing of the HI 93101 has been designed to perfectly fit into the palm of your hand.

The meter weighs less than 300 grams and has a long battery life, ideal for spot checks. The microprocessor gives a low battery warning and shuts off the meter after 10 minutes.

HI 93101 measures bromine, cyanuric acid, iron, iodine, pH, free chlorine and total chlorine.



### Specifications

HI 93101 (Bromine, Chlorine, Cyanuric Acid, Iron, Iodine, pH)		
Range	Bromine	0.00 to 8.00 mg/L
	Free Chlorine	0.00 to 2.50 mg/L
	Total Chlorine	0.00 to 3.50 mg/L
	Cyanuric Acid	0 to 80 mg/L
	Iron	0 to 400 µg/L
	Iodine	0.0 to 12.5 mg/L
	pH	5.9 to 8.5 pH
Resolution	Bromine	0.01 mg/L
	Chlorine	0.01 mg/L
	Cyanuric Acid	1 mg/L
	Iron	1 µg/L
	Iodine	0.1 mg/L
	pH	0.1 pH
Accuracy (@20°C/68°F)	Bromine	±0.08 mg/L ±3%
	Chlorine	±0.03 mg/L ±3%
	Cyanuric Acid	±1 mg/L ±15%
	Iron	±10 µg/L ±8%
	Iodine	±0.1 mg/L ±5% of reading
	pH	±0.1 pH
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 / Weight	180 x 83 x 46 mm (7.1 x 3.3 x 1.8") / 290 g (10 oz.)	
Method	Br <sub>2</sub> / Cl <sub>2</sub>	DPD / DPD
	Cyanuric Acid / Iron	Turbidimetric / TPTZ
	I <sub>2</sub> / pH	DPD / Phenol red

### Accessories

HI 710009	Shockproof rubber boot, blue	HI 93711-D3	DPD3 reagent for 600 tests (Total Chlorine)
HI 710010	Shockproof rubber boot, orange	HI 93701-11	Standard Free Chlorine 0.00, 0.25, 0.50, 1.00 mg/L
HI 731318	Tissue for wiping cuvetts (4 pcs)	HI 93710-01	Reagent kit for 100 tests (pH)
HI 93703-50	Cuvet cleaning solution (230 mL)	HI 93711-01	Powder reagent kit for 100 tests (Total Chlorine)
HI 731321	Measuring cuvet (4 pcs)	HI 93716-01	Reagent kit for 100 tests (bromine)
HI 731325	Cuvet cap (4 pcs)	HI 93718-01	Reagent kit for 100 tests (iodine)
HI 93701-01	Powder reagent kit for 100 tests (Free Chlorine)	HI 93722-01	Reagent kit for 100 tests (CYS)
HI 93701-F	Liquid reagent kit for 300 tests (Free Chlorine)	HI 93746-01	Reagent kit for 50 tests (Iron LR)
HI 93701-T	Liquid reagent kit for 300 tests (Total Chlorine)		

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

### Ordering Information

HI 93101 is supplied complete with 2 cuvetts, battery and instructions.