



HI 96101

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



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- CAL CHECK™
- User calibration
- Certified calibration and verification standards
- BEPS (Battery Error Prevention System)
- TIMER function
- Auto shut-off
- GLP Features

The HI 96101 measures Bromine, Free and Total Chlorine, Cyanuric Acid, Iron, Iodine and pH content in water and wastewater samples. The reagents are in powder and liquid form depending on the parameter and they are supplied in dropper bottles and packets.

This multiparameter photometer can save 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 96101 has been designed for you.

The meter uses an exclusive positive-locking system to ensure that the cuvette is in the same place every time it is placed into the measurement cell.

The cuvette has a very important role because it is an optical element and thus requires particular attention. It is important that both the measurement and calibration (zeroing) cuvettes are optically identical to provide the same measuring conditions.

Order Information:

HI 96101 is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

HI 96101C includes HI 96101 photometer, hard carrying case, 2 sample cuvettes, scissors, cuvette cleaning cloth, battery and instruction manual

Specifications

Accessories

Downloads

Range	Bromine	0.00 to 10.00 mg/L (ppm)
	Cl, Free	0.00 to 5.00 mg/L (ppm)
	Cl, Total	0.00 to 5.00 mg/L (ppm)
	CYA	0 to 80 mg/L (ppm)
	Iodine	0.0 to 12.5 mg/L (ppm)
	Iron LR	0.00 to 1.60 mg/L
	pH	6.5 to 8.5 pH
Resolution	Bromine	0.01 mg/L (ppm)
	Chlorine	0.01 mg/L under 3.50 mg/L;
		0.10 mg/L above 3.50 mg/L
	CYA	1 mg/L (ppm)
	Iron LR	0.01 mg/L
pH	0.1 pH	

Accuracy @25°C	Bromine	±0.08 mg/L ±3% of reading
	Chlorine	±0.03 mg/L ±3% of reading
	CYA	±1 mg/L ±15% of reading
	Iodine	±0.1 mg/L ±5% of reading
	Iron LR	±0.01 mg/L ±8% of reading
	pH	±0.1 pH
Light Source	tungsten lamp	
Light Detector	silicon photocell with narrow band interference filter @ 525 nm	
Power Supply	9V battery	
Auto-off	after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder	
Dimensions	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")	
Weight	360 g (12.7 oz.)	
Method	Bromine	adaptation of the EPA, DPD method
	Chlorine	Adaptation of the USEPA method and Standard Method 4500-Cl G
	CYA	adaptation of the turbidimetric method
	Iodine	adaptation of the EPA, DPD method
	Iron LR	adaptation of the TPTZ method
	pH	Phenol Red method
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	