



HI 96104

pH, Free and Total Chlorine & Cyanuric Acid 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

Chlorine is the most common water disinfectant used in many swimming pools and spas.

In swimming pools, spas and similar applications, Cyanuric Acid helps to stabilize the breakdown of chlorine, especially in sunlight. Frequent testing of both cyanuric acid and pH will help to minimize chlorine consumption.

Specifically designed for swimming pool and spa applications, the HI 96104 measures pH, Free and Total Chlorine and Cyanuric Acid content.

The HI 96104 meter measures pH, Free and Total Chlorine and Cyanuric Acid content in water and wastewater. The reagents are in powder and liquid form depending on the parameter and they are supplied in dropper bottles and packets.

Order Information:

HI 96104 is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

HI 96104C includes HI 96725 photometer, hard carrying case, 2 sample cuvettes, scissors, cuvette cleaning cloth, battery and instruction manual

Specifications	Accessories	Downloads
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Range	pH	6.5 to 8.5 pH
	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)
Resolution	pH	0.1 pH
	Cl, Free	0.01 mg/L
	Cl, Total	0.01 mg/L
	CYA	1 mg/L (ppm)
Accuracy @25°C	pH	±0.1 pH
	Cl, Free	±0.03 mg/L ±3% of reading
	Cl, Total	±0.03 mg/L ±3% of reading
	CYA	±0.1 mg/L ±15% of reading
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

Environment

0 to 50°C (32 to 122°F); RH max 95% non-condensing

Dimensions

192 x 104 x 69 mm (7.6 x 4.1 x 2.7")

Weight

360 g (12.7 oz.)

Method**pH**

Phenol Red method

Chlorine

adaptation of the EPA recommended DPD method
330.5

CYA

adaptation of the Turbidimetric method