

HI 96711

Chlorine



Free and Total Chlorine Analysis with T.I.S. (Tag Identification System) Technology

The HANNA instruments® HI 96711 is an auto-diagnostic, microprocessor-based, portable photometer that benefits from HANNA instruments' years of experience as manufacturer of analytical instruments. The advanced optical system is based on a tungsten lamp and a narrow-band interference filter that allows highly accurate and repeatable readings. HI 96711 measures free & total chlorine and features quick traceability system of the measured samples. Thanks to the i-Button® technology, this meter can associate a time and location label to every record. The meter can log up to 99 measurements in the internal memory and all stored data can be downloaded to a PC through the RS232 serial port and the HI 92000 software. The sample traceability system allows users to collect and manage data in a very simple and error free way; all measurements can be quickly organized by time or by sample. The i-Button® is mounted on the top of the meter and you have just to touch the one that identifies the sample location before performing each measurement. The check function allows the user to validate the good performance of the instrument at any time.



Specifications

HI 96711		
Range	Free Chlorine	0.00 to 5.00 mg/L
	Total Chlorine	0.00 to 5.00 mg/L
Resolution	0.01 mg/L 0.00 to 3.50 mg/L; 0.10 mg/L above 3.50 mg/L	
Precision	±0.02 mg/L to 1.00 mg/L	
Light Source	Tungsten lamp with narrow band interference filter 525 nm	
Light Detector	Silicon Photocell	
Power Supply	1 x 9V battery	
Auto-off	After 10 min of non-use in measuring mode After 1 hour of non-use in calibration mode	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Data-Logging	99 samples	
Serial Interface	RS232 with 9600 baud rate	
Dimensions	216 x 83 x 65 mm (8.5 x 3.3 x 2.5")	
Weight	420 g (0.9 lb.)	
Method	Adaptation of USEPA 330.5 Method and Standard Methods 4500-Cl G	

Accessories

HI 710006	230 Vac/12 Vdc Power adapter	HI 93711-03	Reagents for 300 tests (Total Chlorine)
HI 710005	115 Vac/12 Vdc Power adapter	HI 95701-11	Cal Check™ standard cuvettes for Free Chlorine
HI 920005	i-Button® with holder (5 pcs)	HI 95711-11	Cal Check™ standard cuvettes for Total Chlorine
HI 93701-01	Reagents for 100 tests (Free Chlorine)	HI 92000	Software for PC connection, Windows® compatible
HI 93701-03	Reagents for 300 tests (Free Chlorine)	HI 920011	PC connecting cable
HI 93711-01	Reagents for 100 tests (Total Chlorine)		

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

Ordering Information

HI 96711 is supplied with 2 measuring cuvettes, 5 i-Buttons® with holders, scissors, reagents for 10 tests, Cal Check™ standard, tissue for wiping cuvettes, batteries and instructions.