



HI 96734

Chlorine, Free and Total, High Range Photometer with 525 nm filter and Cal Check

Responding to the user's requirements for analyzing high concentrations of chlorine, HANNA® offers HI 96734, which permits free and total chlorine analysis up to 10.00 mg/mL. This auto-diagnostic portable photometer is dedicated to monitoring over-chlorination through to chloramine destruction. The advanced optical system employs a specialized tungsten lamp and a narrow band interference filter, assuring accurate readings. This instrument is equipped with Cal Check® validation function and standards to validate good performance at any time. Taking just a few short steps, the validation procedure is user-friendly and ensures that the meter is properly calibrated wherever you go. Hanna photometers use the exclusive ready-made, NiST traceable standards to verify the performance of the instrument and recalibrate if necessary. Cuvets are constructed from specialized optical glass to ensure the best and most consistent results. The positive locking system ensures that the cuvet is in the same position every time it is placed into the measuring cell. Our sample cell is designed to fit a cuvet with a wide neck to make it easier to add both sample and reagents. All instruments are factory calibrated and the electronic and optical design minimizes the need for frequent calibration. Ideal for field applications, these meters are splash proof and the lamp and filter units are protected from dust or dirt by a transparent barrier. Display messages aid the user during routine operation. The auto-off feature will disengage the meter after 10 minutes of non-use in measuring mode or 1 hour while in calibration mode. HI 96734 utilizes an adaptation of the USEPA Method 330.5 and Standard Method 4500-Cl. The reaction between free and total chlorine and DPD reagent causes a pink tint in the sample.

Range	Free Chlorine	0.00 to 10.00 mg/L (ppm)
	Total Chlorine	0.00 to 10.00 mg/L (ppm)
Resolution		0.01 mg/L (0.10 mg/L above 3.50 mg/L) (ppm)
Precision		±0.06 mg/L to 3.00 mg/L (ppm)
Light Source		Tungsten lamp
Light Detector		Silicon photocell with narrow band interference filter @ 525 nm
Method		Adaptation of the USEPA method 330.5 and Standard Method 4500-Cl G.

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