



HI 96753

Chloride 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

Chloride ions are one of the major inorganic anions in water and wastewater. Although high concentrations of chloride in water are not known to be toxic to humans, its regulation is mainly due to adverse effects on taste. It is essential to monitor chloride concentrations in boiler systems to prevent metal parts from being damaged. In high levels, chloride can corrode stainless steel. The level of chloride concentrations in boiler and cooling towers varies from small quantities to very high levels. Furthermore high levels of chloride can be toxic to plant life.

Chlorides are the salts of hydrochloric acid with a metal. Some common examples are sodium chloride (NaCl), ammonium chloride (NH₄Cl), calcium chloride (CaCl₂), and magnesium chloride (MgCl₂). When dissolved in water these salts produce chloride ions, Cl⁻.

The HI 96753 meter measures the chloride content in water and wastewater samples. This 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.

Order Information:

HI 96753 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.

HI 96753C includes HI 96753 photometer, sample cuvettes and caps (2 ea.), instrument quality certificate, instruction manual and rigid carrying case.

Specifications	Accessories	Downloads
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Range	0.0 to 20.0 mg/L	
Resolution	0.1 mg/L	
Accuracy	±0.5 mg/L ±6% of reading @ 25°C	
Light Source	LED	
Light Detector	Silicon photocell with narrow band interference filter @ 466 nm	
Power Supply	(1) 9V battery	
Auto-off	After 10 minutes of non-use in measurement mode; after 1 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 Adaptation of the mercury(II) thiocyanate method.