



SPECIFICATIONS	HI 96753 Chloride	HI 96738 Chlorine Dioxide	HI 96701 Chlorine, Free
Range	0.0 to 20.0 mg/L (ppm)	0.00 to 2.00 mg/L (ppm)	0.00 to 5.00 mg/L (ppm)
Resolution	0.1 mg/L (ppm)	0.01 mg/L (ppm)	0.01 mg/L from 0.00 to 3.50 mg/L (ppm); 0.10 mg/L above 3.50 mg/L (ppm)
Accuracy @ 25°C	±0.5 mg/L ±6% of reading	±0.10 mg/L ±5% of reading	±0.03 mg/L ±3% of reading
Light Source	light emitting diode	tungsten lamp	tungsten lamp
Light Detector	silicon photocell with narrow band interference filter @ 466 nm	silicon photocell with narrow band interference filter @ 575 nm	silicon photocell with narrow band interference filter @ 525 nm
Method	adaptation of the mercury (II) thiocyanate method	Chlorophenol Red method	adaptation of the USEPA method 330.5 and Standard Method 4500-Cl G



Chlorine is most notably used for producing safe drinking water. It is also extensively used in the production of paper products, dyestuffs, textiles, medicines, antiseptics, insecticides, food, solvents, paints, plastics, and many other consumer products.

SPECIFICATIONS	HI 96762 Chlorine, Free Low Range	HI 96771 Chlorine, Free and Ultra High Range
Range	0.000 to 0.500 mg/L (ppm)	<b>Free (P1):</b> 0.00 to 5.00 mg/L (ppm) <b>UHR (P2):</b> 0 to 500 mg/L (ppm)
Resolution	0.001 mg/L (ppm)	<b>Free (P1):</b> 0.01 mg/L from 0.00 to 3.50 mg/L (ppm); 0.10 mg/L above 3.50 mg/L (ppm) <b>UHR (P2):</b> 1 mg/L from 0 to 200 mg/L (ppm); 10 mg/L above 200 mg/L (ppm)
Accuracy @ 25°C	±0.020 mg/L ±3% of reading	<b>Free (P1):</b> ±0.03 mg/L ±3% of reading <b>UHR (P2):</b> ±3 mg/L ±3% of reading
Light Source	tungsten lamp	tungsten lamp
Light Detector	silicon photocell with narrow band interference filter @ 525 nm	silicon photocell with narrow band interference filter @ 466 nm
Method	adaptation of the USEPA method 330.5 and Standard Method 4500-Cl G	adaptation of Standard Methods for the Examination of Water and Wastewater, 20th edition, 4500-Cl

## ORDERING INFORMATION

### HI 96753 Chloride

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

HI 96753C includes HI 96753 photometer, sample cuvettes (2) with caps, 9V battery, cuvette cleaning cloth, instrument quality certificate, instruction manual and rigid carrying case.

#### REAGENTS AND STANDARDS

- HI 96753-11 CAL CHECK™ standard cuvettes
- HI 93753-01 Reagents for 100 tests
- HI 93753-03 Reagents for 300 tests

### HI 96738 Chlorine Dioxide

HI 96738 is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

HI 96738C includes HI 96738 photometer, sample cuvettes (2) with caps, 9V battery, scissors, cuvette cleaning cloth, instrument quality certificate, instruction manual and rigid carrying case.

#### REAGENTS AND STANDARDS

- HI 96738-11 CAL CHECK™ standard cuvettes
- HI 93738-01 Reagents for 100 tests
- HI 93738-03 Reagents for 300 tests

### HI 96701 Chlorine, Free

HI 96701 is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

HI 96701C includes photometer, sample cuvettes (2) with caps, 9V battery, scissors, cuvette cleaning cloth, instrument quality certificate, instruction manual and rigid carrying case.

#### REAGENTS AND STANDARDS

- HI 96701-11 CAL CHECK™ Standard Cuvettes
- HI 93701-01 Reagents for 100 tests
- HI 93701-03 Reagents for 300 tests

### HI 96762 Chlorine, Free

HI 96762 is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

HI 96762C includes photometer, sample cuvettes (2) with caps, 9V battery, scissors, cuvette cleaning cloth, instrument quality certificate, instruction manual and rigid carrying case.

#### REAGENTS AND STANDARDS

- HI 96762-11 CAL CHECK™ Standard Cuvettes
- HI 95762-01 Reagents for 100 tests
- HI 95762-03 Reagents for 300 tests

### HI 96771 Chlorine, Free and Ultra High Range

HI 96771 is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

HI 96771C includes HI 96771 photometer, sample cuvettes (2) with caps, 9V battery, scissors, cuvette cleaning cloth, instrument quality certificate, instruction manual and rigid carrying case.

#### REAGENTS AND STANDARDS

- HI 95771-11 CAL CHECK™ Standard Cuvettes
- HI 93701-01 Reagents for 100 tests
- HI 93701-03 Reagents for 300 tests
- HI 95771-01 Reagents for 100 tests
- HI 95771-03 Reagents for 300 tests



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