



## Trace Free Chlorine Measurement

Chlorine is the most common water disinfectant. It is used in many water treatment applications: drinking water, wastewater, the food and beverage industry and swimming pools.

HI 96762 was specially developed to measure low concentrations of free chlorine in water. The HI 96762 measures the free chlorine (Cl<sub>2</sub>) content in water samples in the 0.000 to 0.500 mg/L (ppm) range. The method used is an adaptation of the Standard Method 4500-Cl G for drinking water.

With the powerful CAL CHECK™ validation function, you are able to validate good performance of the instrument at any time. The validation procedure is extremely user friendly. Just use the exclusive HANNA ready-made, NIST traceable standards to verify the performance of the instrument and recalibrate if necessary.

The instrument is splash waterproof and the lamp and filter units are protected from dust or dirt by a transparent cup. This makes the instrument ideal for field applications. Display messages aid the user in routine operation. The meter has an auto-shut off feature that will turn off the instrument after 10 minutes of non use in measurement mode or after 1 hour if left in calibration mode.

The meter uses an exclusive positive-locking system to ensure that the cuvet is in the same position every time it is placed into the measurement cell. It is designed to fit a cuvet with a larger neck making it easier to add both sample and reagents. The cuvet is made from special optical glass to obtain best results.

The reagent is in powder form and is supplied in packets. The amount of reagent is precisely dosed to ensure the maximum repeatability



### SPECIFICATIONS

### HI 96762

Range, Free Chlorine	0.000 to 0.500 mg/L
Resolution	0.001 mg/L
Precision	±0.004 mg/L to 0.200 mg/L
Light Source	Tungsten lamp
Light Detector	Silicon Photocell with narrow band interference filter @ 525 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 102 x 67 mm (7.6 x 4 x 2.6")
Weight	290 g (10 oz.)
Method	Adaptation of the Standard Method 4500-Cl G.



## Available as a KIT

Just choose the "C" version

HI 96715C kit version shown.

### ORDERING INFORMATION

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

**HI 96762C** is supplied with CAL CHECK™ standard cuvetts, (2) sample cuvetts with caps, 9V battery, cuvet cleaning cloth, scissors and instruction manual in a hard carrying case.

### REAGENTS AND STANDARDS

**HI 95762-01** Powder reagents for 100 tests (Free Chlorine)

**HI 95762-03** Powder reagents for 300 tests (Free Chlorine)

**HI 95762-11** CAL CHECK™ Standard Cuvets (1 set)

### SOLUTIONS

**HI 93703-50** Cuvet cleaning solution, 250 mL

### ACCESSORIES

**HI 740029P** 9V Batteries (10)

**HI 721310** 9V Batteries (100)

**HI 731318** Cuvet cleaning cloth (4)

**HI 731331** Measuring cuvetts (4)

**HI 731335** Cuvet caps(4)