

Chloride

Handheld Colorimeter

- Easier to use and more accurate than chemical test kits
- Dedicated to a single parameter
- Small size, big convenience
 - Weighing a mere 64 g (2.25 oz.), the Checker®HC easily fits into the palm of your hand or pocket
 - Quick and accurate on-the-spot analysis
 - Single-button operation: zero and measure
 - Operated by a single AAA battery
- Ideal for:
 - Drinking water
 - Waste water
 - Boiler and cooling towers

The HI753 Checker®HC is a simple, accurate, and cost effective way to measure chloride. Designed as a more accurate alternative to chemical test kits, the HI753 provides quick, accurate results in three easy steps.

Step One - Prepare samples according to the manual.

Step Two - Insert zero cuvette into the Checker HC, press and hold the button for 3 seconds to start reaction timer. Meter will zero automatically.

Step Three - Remove zero cuvette and insert sample. Press the button to measure your results.

The HI753 uses an adaptation of the mercury(II) thiocyanate method.



Specifications	HI753
Range	0.0 to 20.0 ppm (as Cl ⁻)
Resolution	0.1 ppm
Accuracy	0.5 ppm ±6% of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 470 nm
Light Detector	Silicon photocell
Method	Adaptation of the Mercury(II) Thiocyanate Method. The chloride ion displace thiocyanate ion from mercury(II). The iron(III) present forms with thiocyanate an orange colored complex. The intensity of the color is proportional to the chloride ion concentration.
Environment	0 to 50 °C (32 to 122 °F); max. 95% RH non-condensing
Battery Type	1.5V AAA Alkaline
Auto-off	After 10 minutes of non-use
Dimensions	86.0 x 61.0 x 37.5 mm (3.4 x 2.4 x 1.5")
Weight	64 g (2.3 oz)
Ordering Information	HI753 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Chloride reagent starter kit (reagents for 25 tests), 1 mL syringe with tip (2 pcs.), 1.5V AAA alkaline battery (1 pc.), and instruction manual
Reagent Set	HI753-25 Reagents for 25 Chloride tests
Calibration Set	HI753-11 Chloride certified standard kit