

HI753

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
 - Use for 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
Resolution	0.1 ppm
Accuracy @25°C (77°F)	± 0.5 ppm ± 6% of reading
Light Source	LED @ 470 nm
Light Detector	silicon photocell
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Battery Type	1.5V AAA (1)
Auto-off	after ten 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)
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 color is proportional to the chloride ion concentration.
Ordering Information	HI753 Checker®HC is supplied with sample cuvettes with caps (2), chloride reagent starter kit (reagents for 25 tests), syringes with tips (2), battery, and instructions.
Reagent Set	HI753-25 (25 tests)
Calibration Set	HI753-11