

HI701 · HI7014 · HI762

Free Chlorine and Ultra Low Range Free Chlorine

Handheld Colorimeter

- Easier to use and more accurate than chemical test kits
 - EPA approved DPD method
 - Large, easy-to-read digits
 - Auto shut off
- Dedicated to a single parameter
- Small size, big convenience
 - 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
- Ideal for:
 - Swimming pools and spas
 - Fruit and vegetable sanitation
 - Disinfection
 - Drinking water and quality control checks



Pool
Line

The HI701, HI7014, and HI762 Checker®HC bridge the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate and only give 5 to 10 points of resolution, while professional instrumentation can cost hundreds of dollars and can be time consuming to calibrate and maintain. These meters are accurate and affordable.

The HI701 and HI7014 features a resolution of 0.01 ppm and ± 0.03 ppm $\pm 3\%$ of reading accuracy while the HI762 features a resolution of 1 ppb and ± 20 ppb $\pm 4\%$ of reading accuracy. These meters use an EPA approved DPD method.

The contoured style of the Checker HC fits in your palm or pocket perfectly and the large LCD is easy to read. The auto shut-off feature assures the battery life will not be drained if you forget to turn it off.

These meters are extremely simple to use. First, zero the instrument with your water sample. Next, add the reagent. Lastly, place the vial into the Checker HC, press the button and read the results. It's that easy.

Specifications	HI701	HI7014	HI762 (ULR)
Range	0.00 to 2.50 ppm (as Cl ₂)	0.00 to 2.50 ppm (as Cl ₂)	0 to 500 ppb (as Cl ₂)
Resolution	0.01 ppm	0.01 ppm	1 ppb
Accuracy	± 0.03 ppm $\pm 3\%$ of reading @ 25 °C (77 °F)	0.03 ppm $\pm 3\%$ of reading @ 25 °C (77 °F)	± 20 ppb $\pm 4\%$ of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 525 nm		
Light Detector	Silicon photocell		
Method	Adaptation of US EPA Method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample.		
Environment	0 to 50 °C (32 to 122 °F); max. 95% RH non-condensing		
Battery Type	1.5V AAA Alkaline		
Auto-off	After 2 minutes of non-use	After 2 minutes of non-use	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	HI701 and HI7014 (Pool Line) Checker®HC are supplied with sample cuvette and cap (2 pcs.), Free Chlorine reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), instruction manual.		
	HI762 Checker®HC is supplied with Sample cuvette and cap (2 pcs.), Free Chlorine Ultra Low Range reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), instruction manual.		
Reagent Set	HI701-25 Reagents for 25 Free Chlorine tests	HI7014-25 Reagents for 25 Free Chlorine tests	HI762-25 Reagents for 25 Free Chlorine Ultra Low Range tests
Calibration Set	HI701-11 Free Chlorine certified standard kit	HI7014-11 Free Chlorine certified standard kit	HI762-11 Free Chlorine Ultra Low Range certified standard kit