

HI711 · HI761 · HI771

Total, Total Ultra Low Range, and Ultra High Range Chlorine

Handheld Colorimeters

- Easier to use and more accurate than chemical test kits
- Dedicated to a single parameter
- Small size, big convenience
- Ideal for:
 - Swimming pools and spas
 - Fruit and vegetable sanitation/disinfection
 - Drinking water
 - Quality control checks
 - Environmental
 - Hospitality
 - Food processing



Chlorine is the most commonly used water disinfectant. The monitoring of chlorine is crucial in applications such as swimming pools and spas, fruit and vegetable sanitation, disinfection, and drinking water. By monitoring this crucial parameter, serious health and safety risks can be avoided.

The HI711, HI761, and HI771 Checker®HC Handheld Colorimeters 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. Hanna's Checker HC's are an accurate and affordable alternative.

The contoured style of these Checkers fit easily in the palm of your hand or pocket 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 Checker HC's are designed to be portable and easy to use, providing quick, accurate results in four easy steps.

Specifications	HI711 (Total)	HI761 (Total ULR)	HI771 (UHR)
Range	0.00 to 3.50 ppm (as Cl ₂)	0 to 500 ppb (as Cl ₂)	0 to 500 ppm (as Cl ₂)
Resolution	0.01 ppm	1 ppb	1 ppm
Accuracy	0.03 ppm ±3% of reading @ 25 °C (77 °F)	±5 ppb ±5% of reading @ 25 °C (77 °F)	±3 ppm ±5% of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 525 nm		
Light Detector	Silicon photocell		
Method	Adaptation of USEPA Method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample.		Adaptation of the Standard Methods for the Examination of Water & Wastewater, 20th Edition, 4500-Cl
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 and 2 minutes after reading	After 10 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)		
Method	Adaptation of USEPA Method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample.		adaptation of the Standard Methods for the Examination of Water and Wastewater, 20th edition, 4500-Cl.
Ordering Information	HI711 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Total Chlorine reagent starter kit (reagents for 6 tests), 1.5V AAA alkaline battery (1 pc.), and instruction manual.		
	HI761 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Total Chlorine Ultra Low Range reagent starter kit (reagents for 6 tests), 1.5V AAA alkaline battery (1 pc.), and instruction manual.		
	HI771 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Chlorine Ultra High Range reagent starter kit (reagents for 6 tests), 1.5V AAA alkaline battery (1 pc.), and instruction manual.		
Reagent Set	HI711-25 Reagents for 25 Total Chlorine tests	HI761-25 Reagents for 25 Total Chlorine Ultra Low Range tests	HI771-25 Reagents for 25 Chlorine Ultra High Range tests
Calibration Set	HI711-11 Total Chlorine certified standard kit	HI761-11 Total Chlorine ULR certified standard kit	HI771-11 Chlorine Ultra High Range certified standard kit

See page 10.152 for Checker HC accessories