

HI709

Manganese High Range

Handheld Colorimeter

- Easier to use and more accurate than chemical test kits
- Dedicated to a single parameter
- Small size, big convenience
- Ideal for:
 - Water Quality
 - Education
 - Aquarium
 - Wastewater
 - Environmental

The HI709 Checker®HC is a simple, accurate, and cost effective way to measure high ranges of manganese. Designed as a more accurate alternative to chemical test kits, the HI709 provides quick, accurate results in four easy steps.

Step One - Add a sample to the included cuvette(s).

Step Two - Insert sample into the Checker HC and press the button to zero.

Step Three - Remove sample and add reagent.

Step Four - Reinsert sample, press and hold the button for 3 seconds to start reaction timer. Reading will be taken automatically and the results displayed.

The HI709 uses an adaptation of the Standard Methods for the Examination of Water and Wastewater, 18th edition, Periodate method. The reaction between manganese and reagents causes a pink tint in the sample.



Specifications	HI709 (HR)
Range	0.0 to 20.0 ppm (as Mn)
Resolution	0.1 ppm
Accuracy	±0.2 ppm ±5% of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 525 nm
Light Detector	Silicon photocell
Method	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 18th Edition, Periodate Method. The reaction between manganese and the 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 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	HI709 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Manganese High Range reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), instruction manual.
Reagent Set	HI709-25 Reagents for 25 Manganese High Range tests
Calibration Set	HI709-11 Manganese High Range certified standard kit