

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 HI 709 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 Manganese (HR)
Range	0.0 to 20.0 ppm
Resolution	0.1 ppm
Accuracy @ 25°C/77°F	± 0.2 ppm ± 5% of reading
Light Source	LED @ 525 nm
Light Detector	silicon photocell
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Battery Type	(1) 1.5V AAA
Auto-off	after ten minutes of non-use
Dimensions	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)
Method	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
Ordering Information	<b>HI709</b> Checker®HC is supplied with sample cuvettes with caps (2), manganese HR reagent starter kit (reagents for 6 tests), battery, instructions and quick start guide.

See a list of Checker® reagents and accessories on page 1.24