

HI707 · HI708

Nitrite Low Range, and High Range

Handheld Colorimeters

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

The HI707 and HI708 Checker®HC Handheld Colorimeters bridge the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate, while professional instrumentation can cost hundreds of dollars and can be time-consuming to calibrate and maintain. Hanna Checker HC's are accurate, affordable, and easy to use.

To begin measurements, first zero the instrument with your water sample. Next, add the reagent. Last, place the vial into the Checker HC, press and hold the button for 3 seconds to start reaction timer. The reading will be taken automatically and the results displayed. It's that easy.

The contoured style of the Checker HC fits in your palm and 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.



Specifications	HI707 (LR)	HI708 (HR)
Range	0 to 600 ppb NO ₂ -N	0 to 150 ppm NO ₂
Resolution	1 ppb	1 ppm
Accuracy	±20 ppb ±5% of reading @ 25 °C (77 °F)	±3 ppm ±5% of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 470 nm	Light Emitting Diode @ 575 nm
Light Detector	Silicon photocell	
Method	Adaptation of the EPA Diazotization Method 354.1. The reaction between nitrite and the reagent causes a pink tint in the sample.	Adaptation of the Ferrous Sulfate Method. The reaction between nitrite and the reagent causes a greenish-brown 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 20 minutes of non-use and 4 minutes after reading	After 20 minutes of non-use and 2 minutes after reading
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	HI707 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Nitrite Low Range reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), and instruction manual. HI708 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Nitrite High Range reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), instruction manual.	
Reagent Set	HI707-25 Reagents for 25 Nitrite Low Range tests	HI708-25 Reagents for 25 Nitrite High Range tests
Calibration Set	HI707-11 Nitrite Low Range certified standard kit	HI708-11 Nitrite High Range certified standard kit