



HI784 Checker<sup>®</sup>HC  
**Marine Ammonia (NH<sub>3</sub>/NH<sub>4</sub><sup>+</sup> ppm)  
Handheld Colorimeter**





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# Marine Ammonia (NH<sub>3</sub>/NH<sub>4</sub><sup>+</sup> ppm) Handheld Colorimeter

Ammonia is a by-product of the Nitrogen cycle. Ammonia is normally removed by nitrifying bacteria, but ammonia levels can rise if there is an imbalance in the tank water chemistry. Excessive ammonia in a marine aquarium increases the risk of inhabitant illness or death.

The HI784 Marine Ammonia Checker HC is a handheld colorimeter that uses the Beer-Lambert principle to determine the concentration of ammonia colorimetrically. The HI784 is designed specifically to measure ammonia levels in a saltwater aquarium. The 0.00 to 2.50 ppm range is ideal for coral/fish or fish-only aquarium maintenance.

- Ideal for aquariums and marine biology
- Easier to use and more accurate than chemical test kits
- Small size, big convenience

### Specifications

Range	0.00 to 2.50 ppm (mg/L) NH <sub>3</sub>
Resolution	0.01 ppm (mg/L)
Accuracy	±0.05 ppm ±5% of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 610 nm
Light Detector	silicon photocell
Method	Adaptation of the Salicylate Method.
Environment	0 to 50 °C (32 to 122 °F); max. 95% RH non-condensing. Prepared sample cuvette (sample plus reagents) must be 18 to 29 °C (65 to 85 °F). Warm or cool prepared cuvettes if needed.
Battery Type	1.5V AAA alkaline
Auto Shut-off	After 20 minutes of non-use and 10 minutes after reading
Ordering Information	<b>HI784</b> Checker HC is supplied with sample cuvette and cap (2 pcs.), Marine Ammonia reagent starter kit (reagents for 10 tests), plastic refilling pipette (1 pc.), 1.5V AAA alkaline battery (1 pc.), instruction manual, and quick-reference guide.
Accessories	<b>HI784-25</b> reagents for 25 Marine Ammonia tests <b>HI784-11</b> Marine Ammonia certified standard kit



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