

## HI700 • HI715 • HI733 Ammonia Low, Medium 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
  - Water quality
  - Aquariums
  - Environmental

The HI700, HI715, and HI733 Checker®HC's are simple, accurate, and cost effective ways to measure ranges of ammonia in fresh water. The all new HI700 Checker®HC Ammonia LR for fresh water can be used to replace the usage of HI3824 or HI38049 fresh water test kits.

Designed as a more accurate alternative to chemical test kits, the HI700, HI715, and the HI733\* provides quick, accurate results.

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

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

**Step Three** - Remove sample and add reagents as the manual states.

**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.

\* HI733 uses a different procedure

All three models use an adaptation of the ASTM Manual of Water and Environmental Technology, D1426-92, Nessler method. The reaction between ammonia and reagents causes a yellow tint in the sample.



Specifications	HI700 (LR)	HI715 (MR)	HI733 (HR)
Range	0.00 to 3.00 ppm NH <sub>3</sub> -N	0.00 to 9.99 ppm NH <sub>3</sub> -N	0.0 to 99.9 ppm as NH <sub>4</sub> <sup>+</sup>
Resolution	0.01 ppm	0.01 ppm	0.1 ppm
Accuracy @ 25°C/77°F	±0.05 ppm ±5% of reading	±0.05 ppm ±5% of reading	±1.0 ppm ±5% of reading
Light Source	LED @ 470 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 ASTM Manual of Water and Environmental Technology D1426-92, Nessler Method. The reaction between ammonia and reagents causes a yellow tint in the sample		
<b>Ordering Information</b>	<p><b>HI700</b> Checker®HC is supplied with sample cuvettes with caps (2), ammonia LR reagent starter kit (reagents for 25 tests), battery, instructions and quick start guide.</p> <p><b>HI715</b> Checker®HC is supplied with sample cuvettes with caps (2), ammonia MR reagent starter kit (reagents for 25 tests), battery, instructions and quick start guide.</p> <p><b>HI733</b> Checker®HC is supplied with sample cuvettes with caps (2), ammonia HR reagent starter kit (reagents for 12 tests), syringe with tip, plastic pipette, battery, instructions and quick start guide.</p>		

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