HI747 · HI702 · HI7024

Copper 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:
  - Water Quality
  - Education
  - Aquarium
  - Wastewater
  - Environmental

The HI702, HI7024, and HI747 Checker®HC are a simple, accurate, and cost effective way to measure high and low ranges of copper. Designed as a more accurate alternative to chemical test kits, these meters provide 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 button to zero.

Step Three - Remove sample and add reagent packet.

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 HI702, HI7024, and HI747 use an adaptation of the EPA method. The reaction between copper and the bicinchoninate reagent causes a purple tint in the sample.

Pool Line

Specifications	HI747 (LR)	HI702 (HR)	HI7024 (HR)
Range	0 to 999 ppb	0.00 to 5.00 ppm	0.00 to 5.00 ppm
Resolution	1 ppb	0.01 ppm	0.01 ppm
Accuracy @25°C (77°F)	±10 ppb ± 5% of reading	±0.05 ppm ±5% of reading	±0.05 ppm ±5% of reading
Light Source	LED @ 575 nm		
Light Detector	silicon photocell		
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing		
Battery Type	1.5V AAA (1)		
Auto-off	after ten 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)		
Method	adaptation of the EPA method. The reaction between copper and the bicinchoninate reagent causes a purple tint in the sample		
Ordering Information	**HI747** Checker®HC is supplied with sample cuvettes with caps (2), copper LR reagent starter kit (reagents for 6 tests), battery, and instructions. **HI702** and **HI7024** (Pool Line) Checker®HC are supplied with sample cuvettes with caps (2), copper HR reagent starter kit (reagents for 6 tests), battery, and instructions.		
Reagent Set	**HI747-25** (25 tests)	**HI702-25** (25 tests)	**HI7024-25** (25 tests)
Calibration Set	**HI747-11** Certified standard kit	**HI702-11** Certified standard kit	**HI7024-11** Certified standard kit

* Excluding sample volume error

See page10.140 for Checker HC accessories