

HI735

Total Hardness Low Range

Handheld Colorimeter

- Easier to use and more accurate than chemical test kits
- Dedicated to a single parameter
- Small size, big convenience
- Ideal for:
 - Drinking water
 - Process water
 - heating and cooling systems
 - swimming pools and spas

HI735 Total Hardness Low Range handheld checker is designed to determine total hardness (as CaCO₃) in drinking and process water, heating and cooling systems, swimming pools and spas. Also suitable to be used in agriculture, food and beverage industries.

HI735 features a single-button operation system and is easy to use.

The large LCD is easy to read and the auto shut-off feature assures the battery will not be drained.



Specifications	HI735
Range	0 to 350 ppm (mg/L) as CaCO ₃
Resolution	1 ppm (mg/L)
Accuracy	±6 ppm ±6% of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 470 nm
Light Detector	silicon photocell
Method	Adaptation of the EPA recommended Method 130.1. The reaction between calcium, magnesium, and the reagents causes a red-violet 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 10 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)
Ordering Information	HI735 Checker®HC is supplied with Total Hardness Low Range reagent starter kit (reagents for 12 tests), sample cuvette and cap (2 pcs.), 1 mL graduated syringe with tip (2 pcs.), plastic refilling pipette (1 pc.), 1.5V AAA alkaline battery (1 pc.), and instruction manual.
Reagent Set	HI735-25 Reagents for 25 Total Hardness Low Range tests
Calibration Set	HI735-11 Total Hardness Low Range certified standard kit
Accessories	HI740143 1 mL graduated syringe (6 pcs.)
	HI740144P Plastic pipette tip (10 pcs.)
	HI740157P Plastic refilling pipette (20 pcs.)

Line ID: @neonics



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