



HI 96735

Hardness, EPA, Portable Photometer



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- CAL CHECK™
- User calibration
- Certified calibration and verification standards
- BEPS (Battery Error Prevention System)
- TIMER function
- Auto shut-off
- GLP Features

Total hardness, that is the presence of magnesium and calcium, is due mainly to the runoff water dissolving these salts as it flows or filters through different strata. Hardness can also cause scaling of pipes in cooling and heating systems.

The HI 93735 measures the total hardness in drinking, surface and wastewater.

This meter uses an exclusive positive-locking system to ensure that the cuvette is in the same position every time it is placed into the measurement cell. It is designed to fit cuvettes with a larger neck making it easier to add both sample and reagents. The cuvettes are made from special optical glass to obtain best results.

Order Information:

HI 96735 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.

Specifications	Accessories	Downloads
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Range	LR 0 to 250 mg/L; MR 200 to 500 mg/L; HR 400 to 750 mg/L
Resolution	1.0 mg/L from 1 to 100 mg/L; 5.0 mg/L from 100 to 750 mg/L
Accuracy	LR ± 5 mg/L $\pm 4\%$ of reading @ 25°C; MR ± 7 mg/L $\pm 3\%$ of reading @ 25°C; HR ± 10 mg/L $\pm 2\%$ of reading @ 25°C
Light Source	light emitting diode
Light Detector	Silicon photocell with narrow band interference filter @ 466 nm
Method	Adaptation of the EPA recommended method 130.1.
Environment	0 to 50°C (32 to 122°F); max 95% RH non-condensing
Power Supply	9V battery
Auto-Shut off	after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder
Dimensions	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")
Weight	360 g (12.7 oz.)