



HI96736

## Total Hardness and pH Portable Photometer

- **CAL Check™**
  - Allows for performance verification and calibration of the meter using NIST traceable standards
- **Auto-shut off**
- **Built-in timer**
  - Display of time remaining before a measurement is taken

The HI96736 is a multiparameter portable photometer that measures total hardness and pH.

Hanna's portable photometers feature an advanced optical system; the combination of a special tungsten lamp, a narrow band interference filter, and silicon photodetector ensure accurate photometric readings every time. The Hanna exclusive CAL Check feature utilizes ready-made, NIST traceable standards to verify both meter validation and calibration. The exclusive cuvette locking system ensures that the cuvette is inserted into the measurement cell in the same position every time to maintain a consistent path length.

### Specifications

#### HI96736 Total Hardness and pH

|                           |   |  |                |
|---------------------------|---|--|----------------|
| Parameter Specifications  |   | <b>Total Hardness (P1)</b>   | <b>pH (P2)</b> |
|                           | Range   | 0.00 to 4.70 mg/L (ppm)  | 6.5 to 8.5 pH  |
|                           | Resolution  | 0.01 mg/L  | 0.1 pH         |
|                           | Accuracy @ 25°C (77°F)  | ±0.11 mg/L ±5% of reading  | ±0.1 pH        |
| Additional Specifications | Light Source  | tungsten lamp  |                |
|                           | Light Detector  | silicon photocell with narrow band interference filter @ 525 nm  |                |
|                           | Power Supply  | 9V battery   |                |
|                           | Auto-off  | after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder  |                |
|                           | Environment   | 0 to 50°C (32 to 122°F); RH max 95% non-condensing   |                |
|                           | Dimensions  | 192 x 104 x 69 mm (7.6 x 4.1 x 2.7")   |                |
|                           | Weight  | 320g (11.3 oz.)  |                |
|                           | Method  | <b>Total Hardness:</b> adaptation of the Standard Methods for the Examination of Water and Wastewater, 18th Edition, colorimetric method; <b>pH:</b> phenol red method |                |
| Ordering Information      | <b>HI96736</b> is supplied with sample cuvettes with caps (2), 9V battery, instrument quality certificate and instruction manual.<br>CAL Check standards and testing reagents sold separately |  |                |
| Reagents and Standards    | <b>HI96710-11</b>   | CAL Check standard cuvettes (pH)   |                |
|                           | <b>HI93710-01</b>   | reagents for 100 tests (pH)  |                |
|                           | <b>HI93710-03</b>   | reagents for 300 tests (pH)  |                |
|                           | <b>HI96719-11</b>   | CAL Check standard cuvettes (hardness)   |                |
|                           | <b>HI93719-01</b>   | reagents for 100 tests (hardness)  |                |
|                           | <b>HI93719-03</b>   | reagents for 300 tests (hardness)  |                |

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