



## HI 96736

### Total Hardness and pH 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

HI 96736 is a multiparameter portable photometer that measures total hardness and pH.

The HI 96736 meter uses an exclusive positive-locking system to ensure that the cuvette is in the same place every time it is placed into the measurement cell.

The cuvette has a very important role because it is an optical element and thus requires particular attention. It is important that both the measurement and calibration (zeroing) cuvettes, are optically identical to provide the same measuring conditions.

#### Order Information:

HI 96736 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.

Specifications	Accessories
<b>Range</b>	<b>Total Hardness</b> 0.00 to 4.70 mg/L (ppm)
	<b>pH</b> 6.5 to 8.5 pH
<b>Resolution</b>	<b>Total Hardness</b> 0.01 mg/L (ppm)
	<b>pH</b> 0.1 pH
<b>Accuracy @25°C</b>	<b>Total Hardness</b> ±0.11 mg/L ±5% of reading
	<b>pH</b> ±0.1 pH
<b>Light Source</b>	tungsten lamp
<b>Light Detector</b>	silicon photocell with narrow band interference filter @ 525 nm
<b>Power Supply</b>	9V battery
<b>Auto-off</b>	after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder
<b>Environment</b>	0 to 50°C (32 to 122°F); RH max 95% non-condensing
<b>Dimensions</b>	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")
<b>Weight</b>	360 g (12.7 oz.)
<b>Method</b>	

**Total**

**Hardness**

**pH**

adaptation of the Standard Methods for the  
Examination of Water and Wastewater, 18th  
Edition, colorimetric method  
Phenol Red method