



## HI 96744

### Total Hardness, Iron LR 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

Three important parameters measured with just one meter! The easy to use HI 96744 can replace several meters or test kits to practically perform the same tests with better accuracy.

At the touch of a button, users can zero the sample. This means that prior to each measurement and literally in a few seconds, the meter is calibrated, ensuring an accurate end result. The unit is powered by a common and inexpensive 9V battery that can provide up to 40 hours of battery life. A built-in automatic shut-off will turn the meter off after 10 minutes.

The meter housing is made of rugged ABS plastic and the keyboard is splash proof. The unit weighs less than 300 grams so that it can easily be carried to the remotest sites.

#### Order Information:

HI 96744 are supplied with sample cuvettes with caps (2), 9V battery and instruction manual.

Specifications	Accessories	Downloads
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<b>Range</b>	<b>pH</b>	6.5 to 8.5 pH
	<b>Total Hardness</b>	0.00 to 4.70 mg/L (ppm)
	<b>Iron LR</b>	0 to 1.60 mg/L (ppm)
<b>Resolution</b>	<b>pH</b>	0.1 pH
	<b>Total Hardness</b>	0.01 mg/L
	<b>Iron LR</b>	0.01 mg/L
<b>Accuracy @25°C</b>	<b>pH</b>	0.1 pH
	<b>Total Hardness</b>	±0.11 mg/L ±5% of reading
	<b>Iron LR</b>	±0.01 mg/L ±8% of reading
<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

**Dimensions**

192 x 104 x 69 mm (7.6 x 4.1 x 2.7")

**Weight**

360 g (12.7 oz.)

**Method**

**pH**

Phenol Red method

**Total  
Hardness**

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

**Iron LR**

adaptation of TPTZ method