HI 96745

Chlorine, 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

Chlorine and pH are two of the most closely monitored parameters in water quality tests. Hardness is also an important parameter, attentively regulated to reduce waste or ensure proper functioning of equipment. Iron can cause an unpleasant taste or stain kitchenware or laundry.

The HI 96745 is a powerful instrument to keep all these parameters under control. The reagents are in liquid or powder form and are supplied in bottles or in packets.

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 96745 is supplied with sample cuvettes (2) with caps, battery and instructions.

Specifications | Accessories | Downloads

Range	**pH**	6.5 to 8.5 pH
	Chlorine	0.00 to 5.00 mg/L (ppm)
	Total Hardness	0.00 to 4.70 mg/L (ppm)
	Iron LR	0 to 1.60 mg/L (ppm)
Resolution	**pH**	0.1 pH
	Chlorine	0.01 mg/L under 3.50 mg/L; 0.10 mg/L above 3.50 mg/L
	Total Hardness	0.01 mg/L
	Iron LR	0.01 mg/L
Accuracy @25°C	**pH**	±0.1 pH
	Chlorine	±0.03 mg/L ±3% of reading
	Total Hardness	±0.11 mg/L ±5% of reading
	Iron LR	±0.01 mg/L ±8% of reading
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		360 g (12.7 oz.)
Method	**pH**	Phenol Red method
	Chlorine	adaptation of the USEPA method 330.5and Standard Method 4500-Cl G
	Total Hardness	adaptation of the Standard Methods for the examination of Water and Wastewater, 18th ed., colorimetric method
	Iron LR	adaptation of the TPTZ method