



HI 96743

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

pH is normally measured using litmus paper or a pH meter with an electrode. Litmus paper provides poor results and also poses a serious problem to those who find it difficult to distinguish certain colors. Conventional pH meters, however, provide very accurate results but require electrode maintenance and do not measure iron, a prime cause of unpleasant taste in drinking water and kitchenware and laundry damage.

The best choice for pH and Iron measurement is the HI 96743. Measurements with the HI 96743 can be performed in a few short steps and are impervious to temperature variations, a common source of error with conventional pH meters.

The HI 96743 offers unparalleled accuracy at a cost-per-test that is comparable with chemical test kits and litmus paper.

Order Information:

HI 96743 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.

Specifications	Accessories	Downloads
Range	Iron LR	0 to 1.60 mg/L (ppm)
	pH	6.5 to 8.5 pH
Resolution	Iron LR	0.01 mg/L
	pH	0.1 pH
Accuracy @25°C	Iron LR	±0.01 mg/L ±8% of reading
	pH	±0.1 pH
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

Iron

adaptation of TPTZ method

LR

pH

Phenol Red method