



## Iron, LR

- Fast and accurate measurements
- TPTZ method for measuring iron
- Auto-diagnostic and error messages

The iron concentration in water needs to be monitored because it becomes harmful above certain levels. In domestic water, for instance, iron can unpleasantly alter the taste, stain laundry, damage kitchenware and favor the growth of certain bacteria. Iron is also an indicator of ongoing corrosion in industrial plants or in water cooling and heating systems. Moreover, iron is normally monitored in mining wastewater to avoid contamination. Standard chemical test kits characteristically suffer from lack of precision. HANNA instruments® offers two iron meters with a clear LCD reading: from 0.00 to 5.00 mg/L with a resolution of 0.01 mg/L (HI 93721) and from 0 to 400 µg/L with a resolution of 1 µg/L (HI 93746).

HI 93746 is supplied complete with 2 cuvetts, battery and instructions.

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### Available Accessories:

- HI 710009** Blue rubber boot
- HI 710010** Orange rubber boot
- HI 731318** Tissue for wiping cuvetts (4 pcs)
- HI 731321** Spare measurement cuvetts (4 pcs)
- HI 93703-50** Cuvet cleaning solution (230 mL)
- HI 731325** Cuvet cap (4 pcs)
- HI 93746-01** Reagent kit, 100 pkt for 50 tests
- HI 93746-03** Reagent kit, 300 pkt for 150 tests

### Specifications:

<b>Range</b>	0 to 400 µg/L
<b>Resolution</b>	1 µg/L
<b>Accuracy (@20°C/68°F)</b>	±10 µg/L ±8% reading
<b>Typical EMC Deviation</b>	±1 µg/L
<b>Light Source</b>	Light Emitting Diode @ 555 nm
<b>Light Life</b>	Life of the instrument
<b>Light Detector</b>	Silicon Photocell
<b>Battery Type / Life</b>	1 x 9V/ approximately 40 hours of continuous use
<b>Environment</b>	0 to 50°C (32 to 122°F); RH 95%
<b>Dimensions</b>	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
<b>Weight</b>	290 g (10 oz.)