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Manganese, HR

- Quick and accurate measurements
- Periodate oxidation method of measuring Manganese
- Battery life good for more than 300 tests

Manganese is one of the most common metals present in nature and is used in many industrial applications, for example, in the production of fertilizers and in the pharmaceutical industry. Manganese salts are also used in iron alloys (steel manufacturing) and noniron alloys as it improves their corrosion resistance and hardness. Manganese is not considered to be dangerous, but high concentrations of this metal in water will result in change of taste and smell. In industry, manganese can produce corrosion and incrustations to pipes when found in high concentrations. HI 93709 and HI 93748 are portable microprocessor meters that determine the concentration of manganese in water at the touch of a button, and are ideal for field applications and monitoring.

HI 93709 is supplied complete with 2 cuvetts, battery and instructions

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 93709-01** Reagent kit for 100 tests
- HI 93709-03** Reagent kit for 300 tests

Specifications:

Range	0.0 to 20.0 mg/L
Resolution	0.1 mg/L
Accuracy (@20°C/68°F)	±0.2 mg/L ±3% reading
Typical EMC Deviation	±0.1 mg/L
Light Source	Light Emitting Diode @ 555 nm
Light Life	Life of the instrument
Light Detector	Silicon Photocell
Battery Type / Life	1 x 9V/ approximately 40 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
Weight	290 g (10 oz.)