HI 96709

Manganese, High Range, Portable Photometer

PEWA
Messtechnik GmbH

Weidenweg 21
58239 Schwerte

Tel.: 02304-96109-0
Fax: 02304-96109-88
E-Mail: info@pewa.de
Homepage : www.pewa .de

- CAL CHECK™
- User calibration
- Certified calibration and verification standards
- BEPS (Battery Error Prevention System)
- TIMER function
- Auto shut-off
- GLP Features

Manganese is one of the most common metals present in nature and is used in many industrial applications, for example, the production of fertilizers and in the pharmaceutical industry.

Manganese salts are also used in iron alloys (steel manufacturing) and non-iron alloys as it improves their corrosion resistance and hardness.

The HI 96709 measures the manganese content in water and wastewater in the 0.0 to 20.0 mg/L (ppm) range.

This meter uses an exclusive positive-locking system to ensure that the cuvette is in the same position every time it is placed into the measurement cell. It is designed to fit a cuvette with a larger neck making it easier to add both sample and reagents. The cuvette is made from special optical glass to obtain best results.

Order Information:
HI 96709 is supplied with sample cuvettes with caps (2), 9V battery and instruction manual
HI 96709C includes HI 96709 photometer, sample cuvettes with caps (2 ea.), 9V battery, scissors, cloth for wiping cuvettes, instrument quality certificate, instruction manual and rigid carrying case.

Specifications | Accessories | Downloads

Range	0.0 to 20.0 mg/L
Resolution	0.1 mg/L
Accuracy	±0.2 mg/L ±3% of reading @ 25°C
Light Source	Tungsten lamp
Light Detection	silicon photocell with narrow band interference filter @ 525 nm
Battery Type / Life	1 x 9V / approx. 40 hours of continuous use; auto-off after 10 minutes of non use
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	adaptation of Standard Methods for the Examination of Water and Wastewater, 18th edition, Periodate method