

NSF-6

EPA Method

installations

MULTIPARAMETER CHLORINE SENSOR

A breakthrough for drinking water and wastewater testing, The **Halogen** MP5[™] Multiple Parameter Sensor tests 5 parameters using 3 electrode amperometric chlorine measurement. The MP5™ is unaffected by flow or pressure, is self cleaning, automatically compensates for pH, and is NSF61 certified. It is also highly accurate, requires little to no maintenance, can be installed in a flow cell, directly in a pipe, or immersed in a tank, channel, or basin. Simple to install and inexpensive to operate, the Halogen MP5™ is unlike any other sensor on the market today.

UNIQUE FEATURES

The **Halogen** MP5[™] is unique in the market.

- Self-cleaning & low maintenance
- No reagents
- Flow independent insensitive to changing process conditions
- No membranes or electrolyte
- No waste stream required
- Low drift- calibration stable for many months
- Factory calibrated, minimal drift

INSTALLATION ADVANTAGES:

Compared to typical solutions, the Halogen MP5™ has many advantages when deployed:

- Easy to install
- Installed directly into a wet tap valve, side stream, or submersible
- Remote mounting of more than 100 feet or more from display
- System is equipped with 4 20mA or MODBUS RTU. Other communication protocols are available upon request.
- 24 VDC or 90 to 240 VAC operation

LOW TOTAL COST OF OWNERSHIP

Halogen's MP5[™] saves additional money over time due to:

- Low Maintenance Cost
- No membranes, reagents, or electrolyte
- Long calibration intervals
- Easy calibration if needed

* **Rapid Response ORP™**: Halogen's unique implementation of Oxidation Reduction Potential (ORP) measuring is self-cleaning and highly resistant to poisoning. Unlike other discrete ORP sensors, the MP5™ retains ORP calibration even in demanding and/or dirty applications.

MEASUREMENTS

The MP5[™] measures vital information in a reliable and low cost manner. certified for

- Free or Total Chlorine
- Conductivity
- pH
- Rapid Response ORP*
- Temperature



1. The **SensiCLENE**[™] self-cleaning system reduces maintenance through an always-on cleaning method. 2. DryGLAS[™] technology ensures robust operation even if the line goes totally dry. 3. The MP5™ constantly samples 5 parameters using a 3 electrode amperometric technology, and is unaffected by flow, pressure, or temperature. 4. HSI's patented impeller system removes flowrate as an issue. 5. HSI's patented sensor system allows for wet-tap, sidestream, immersion and direct pipe insertion, eliminating the need for waste stream membranes, reagents, & electrolyte, while greatly reducing calibration & maintenance.



MODELS & OPTIONS



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5 to 12

0 to 100° C

Modbus RTU, 4-20 mA Outputs

pН

Temperature

Communication