

HALOX CHLORINE DIOXIDE

■ Addresses Problems

- Legionella pneumophila
- Giardia Cysts
- Coliforms
- Listeria
- Biofilms
- Cryptosporidium
- Salmonella
- Shigella
- Algae and Amoebae
- Iron and Manganese
- Taste And Odor
- THM/HAA Formation
- Planktonic and Sessile Organisms

■ Applications

- Healthcare Facilities
- Food/Beverage
- Cruise Ships
- Cooling Towers
- Water Hygiene
- Potable Water
- Waste Water
- Hotels and Motels
- Apartments/Colleges
- Marinas/Rural Wells
- Commercial/Industrial Facilities

■ Features/Benefits

- Safe Production of ClO₂
- Cost Effective Biocide
- Chlorine-Free ClO₂
- On-Demand ClO₂
- Alternative To Bleach, Ozone, Bromine
- Point-Of-Use Generation
- NO Bleach, NO Added Acid; NO Chlorine Gas
- Single Precursor
- Not pH Dependent
- No Pipe Corrosion
- Environmentally Friendly
- Ease Of Operation

■ ClO₂ Approvals

- United States EPA
- United States FDA
- BSRIA (UK)

www.haloxtech.com



The Halox Chlorine Dioxide Measurement and Control (MAC) System offers cost-effective, reliable, high-performance measurement and control of chlorine dioxide (ClO₂) solutions. It measures and controls chlorine dioxide in potable, industrial and process water applications. When combined with Halox ClO₂ generators and dosing systems, the state-of-the-art MAC system provides for fully-integrated, closed-loop control.

The Halox MAC System measures ClO₂ residual concentrations in treated water. This data is used either to control dosing rates (via a 4-20 mA output) to keep the residual optimized or to validate the accuracy of a given dosing scheme.

The Halox MAC System is available as a pre-assembled unit, comprising sensor with flow cell and controller, mounted on a ready-to-install panel. The sensor, flow cell and UniVision controller can also be purchased individually.

The Halox MAC System consists of two main components.

- Programmable Controller
- Sensor with Flow Cell in two configurations: Application:
 - Measures ClO₂ from 0.01 to 1.0 mg/L - Potable water
 - Measures ClO₂ from 0.01 to 10.0 mg/L - CIP and Food and Beverage

Additional Features/Benefits

- CE Certified
- Automatic (Programmable) or Manual Operation
- Modular Design Hardware and Software
- Compatible with all Halox ClO₂ generators and dosing systems; provides one-stop shopping for the safe and effective generation of ClO₂
- User friendly

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