

BATCH CHLORINE DIOXIDE SYSTEM (MVS SERIES)**FEATURES**Up to 5 lb ClO₂/day

Regenerable or Refillable IX Tanks – No Acid on Site

Ideally Suited for Batch Production of ClO₂Dilute ClO₂ Solution Produced – Inherently Safe

Industry Proven Reliable Components

APPLICATIONS

Food and Beverage – Bottle Rinsing,

Conveyor Treatment, Ice Builders,

Sweet Water, CIP, OPC

Water Treatment – Shock Cleaning,

Open Cooling Systems, Closed Cooling Systems

Customer Serviced Sites

The Molecule

Chlorine Dioxide is the ultimate biocide. As a dissolved gas in solution, it can destroy and remove biofilm, eliminate both sessile and planktonic bacteria, and prevent re-growth without interfering with most water treatment chemistry. As a weak oxidizer, it can destroy odors, clarify and precipitate iron and manganese from contaminated water sources. As the ultimate biocide, it can eradicate harmful microorganisms living and growing in water systems. These properties make chlorine dioxide the ideal biocide for most water treatment, food and beverage and industrial applications.

The System

The CLO₂IX® MVS systems are batch chlorine dioxide production systems. The rugged construction and simplistic operation make the production of chlorine dioxide easy and safe. The control module allows the operator to determine how much chlorine dioxide will be produced per batch. The systems will then stop production when that volume is delivered. The totalizer function keeps track of the total volume of chlorine dioxide produced, and when the IX tanks are in need of regeneration or refilling, flow will stop. MVS systems can be configured for 1, 2 or 4 IX tanks, and two sizes of catalysts provide up to 5 lbs of chlorine dioxide per day. Whether the system provides a daily treatment, shock dose, or feeds a day tank indexed to a flow meter/pump, the operator has the ultimate control over the production of chlorine dioxide.

The Process

The CLO₂IX® MVS systems are based on pure water technology found routinely in the pharmaceutical and semiconductor industries where purity and safety are not optional. Instead of the traditional ways of making chlorine dioxide by mixing concentrated chemicals or through electrochemistry which can produce dangerous byproducts, the CLO₂IX® method combines ion exchange and catalytic technologies to ensure consistent product quality in a rugged industrial piece of equipment.



Hundreds of customers worldwide rely on CLO₂IX® Chlorine Dioxide Systems.