

CSI ClorDiSys Solutions, Inc.™

"The Chlorine Dioxide People"

Providing you with gaseous chlorine dioxide solutions for your decontamination needs

Cloridox – GMP™

Chlorine Dioxide GMP Gas Generator

Description

The Cloridox-GMP Sterilization System is a chlorine dioxide gas generator system designed for use in any pharmaceutical, manufacturing, laboratory, or research setting. It provides a rapid and highly effective method to decontaminate a target chamber. The target can be any chamber such as an isolator (sterility test, filling line, containment...), pass through, processing tank or vessel, clean room, Lyophilizer, etc. In addition the system can be attached to most vacuum chambers to provide a method for component or product sterilization. The Cloridox-GMP Sterilization System is portable in design and is comprised of a gas generation section and a sensing/electronic section. The system features a sophisticated sterilent concentration monitoring system to assure a tightly controlled decontamination process. All instrumentation, including the photometer for concentration monitoring, is easily calibrated to traceable standards. The process is easy to validate due to the repeatable cycle, tight process control, and highly accurate sterilent monitoring system. A run record is produced that contains the date, cycle time, cycle steps, as well as temperature, pressure, and chlorine dioxide concentration. The HMI system features a password protected, recipe management system with historical and real time trending.

An optional steam inject module delivers steam to raise relative humidity to within a specified range.



Cloridox-GMP
Dimensions 45"W x 64"H x 28"D
Weight 600 lbs

Why use the Cloridox - GMP gas generator?



- short cycle times
- does not condense out or breakdown during the process
- precise concentration monitoring
- generates a true gas
- excellent distribution into hard to reach areas
- quick aeration (can literally be minutes)
- does not require tight control of dew point temperatures
- gas concentration feedback to control system
- no down time between cycles
- portable
- rugged and reliable industrial components
- quality construction
- quick connection to chamber
- sterilization at ambient temperatures
- extremely low residuals
- simple to validate
- complete cycle automation
- easy to use touch screen operator interface
- detailed cycle reporting
- recipe management
- historical and real time trending
- no liquids in process
- quick consumable replacement
- no manual wiping or neutralization
- rapid aeration when compared to ethylene oxide
- no concern for condensation as with hydrogen peroxide
- long life span when compared to ozone
- non-carcinogenic
- non-flammable

Utility Requirements at Point of Use

- 100 - 240 VAC, 5 amp, single phase
- 15 cfm, negative pressure exhaust
- 20 psi steam (for optional Steam Injector)

Utility Requirements at Consumable Change Out Station

- 60-100 psi, 25 cfm, clean, dry compressed air
- 15 cfm, negative pressure exhaust
- 100 - 240 VAC, 5 amp, single phase

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