

CSI ClorDiSys Solutions, Inc.™

"The Chlorine Dioxide People"

Providing you with gaseous chlorine dioxide solutions for your sterilization needs

Steridox - Steamer™

Chlorine Dioxide / Steam - Combination GMP Sterilizers

Description

The Steridox-Steamer can be operated as a steam sterilizer or CD sterilizer for maximum versatility and use of space. This sterilizer is designed for use in any pharmaceutical, manufacturing, laboratory, research or surgical setting. They provide a versatile, rapid and highly effective method to sterilize medical devices, sterile products, instruments, and components at either ambient or steam temperatures.

The sterilizer utilizes a rugged industrial control system. It features a sophisticated CD sterilent concentration monitoring system to assure a tightly controlled sterilization process facilitating parametric release. 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: date, cycle time, cycle steps, as well as temperature, pressure, and chlorine dioxide concentration.

The sterilizer is available in a variety of sizes to meet your processing needs. Automated sliding doors are standard. The chamber and doors are constructed of 316L stainless steel to provide an exceptionally long life. The unit is enclosed in stainless steel, easily removable panels.

The process is non-explosive allowing for inexpensive installations.



Steridox - Steamer

Why use the Steridox-Steamer sterilizer?



CD Mode

- Sterilization at ambient temperatures
- Uses a true gas
- precise concentration monitoring
- excellent distribution into hard to reach areas
- quick aeration (can literally be minutes)
- gas concentration feedback to control system
- does not require tight control of dew point temperatures
- does not condense out or breakdown during the process
- extremely low residuals
- rapid aeration when compared to ethylene oxide
- quick consumable replacement
- no concern for condensation as with hydrogen peroxide

Common Features

- no down time between cycles
- short cycle times
- rugged and reliable industrial components
- quality construction
- 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
- non-carcinogenic
- non-flammable
- no need for Damage Limiting Construction (DLC)

Options:

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|-----------------------|--|
| Chamber Size: | Standard Sizes: 16" x 16" x 26"D, 20" x 20" x 38"D; 26" x 26" x 39"D Custom sizes up to 1000 cubic feet |
| Door Style: | Single or Double Power Operated Door |
| Humidification Steam: | House Supplied or Integral with Sterilizer |
| Fascia: | Recessed (flange) style or Cabinet style |
| Rack/Loading options: | Multi-position Rack; Extendable Shelves; Single Shelf; Loading Car; Transfer Carriage |

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