

# ClorDiSys

*"The Chlorine Dioxide People"*

Providing you with gaseous chlorine dioxide solutions for your sterilization needs

**Steridox – VP™**

## Chlorine Dioxide GMP Sterilizers

### Description

The Steridox-VP CD Sterilizers are designed for use in any pharmaceutical, manufacturing, laboratory, or research surgical setting. They provide a rapid and highly effective method to sterilize medical devices, sterile products, instruments, and components at ambient temperatures. The sterilizer utilizes a rugged industrial control system. It features a sophisticated sterilant 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 sterilant 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 available. 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.



### Why use the Steridox- VP gas sterilizer?

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

### Options:

Chamber Size:	Standard Sizes: 16" x 16" x 26"D, 20" x 20" x 38"D; 26" x 26" x 39"D 40.64cm x 40.64cm x 66.04cm D, 50.8cm x 50.8cm x 96.52cm D, 66.04cm x 66.04cm x 99.06cm D Custom sizes up to 1000 ft <sup>3</sup> (28.3 m <sup>3</sup> )
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
Multi-process:	Optional units that can sterilize by either steam or CD are available

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