CD GlorDiSys

Minidox-MC

Portable Chlorine Dioxide Gas
Decon Chamber



- US EPA Registered sterilant technology, capable of 6-log sporicidal reduction
- Highly flexible process unaffected by temperature gradients, dew points, chamber loading, or surface area
- No cycle development required
- Fast cycle times
- No required yearly service contracts
- Excellent material compatibility including sensitive electronics
- All-in-one CD Gas Generator and Decon Chamber, no connections necessary
- CD Gas molecule smaller than target organisms ensures no uncontacted contaminants
- Concentration monitor ensures 6-log kill conditions met prior to cycle ending

Minidox-MC

Portable Chlorine Dioxide Gas Generator

The ClorDiSys Minidox-MC Portable
Chlorine Dioxide Gas Generator is an
easy-to-use decontamination system which is
easily adaptable to many different
applications of varying size and type,
delivering repeatible 6-log sterilization level
results.

Dimensions

30" W x 70" H x 24" D 76cm W x 178cm H x 61cm D

Chamber Dimensions

12" W x 18" H x 18" D 30cm W x 46cm H z 46cm D (Custom sizes available)

Weight

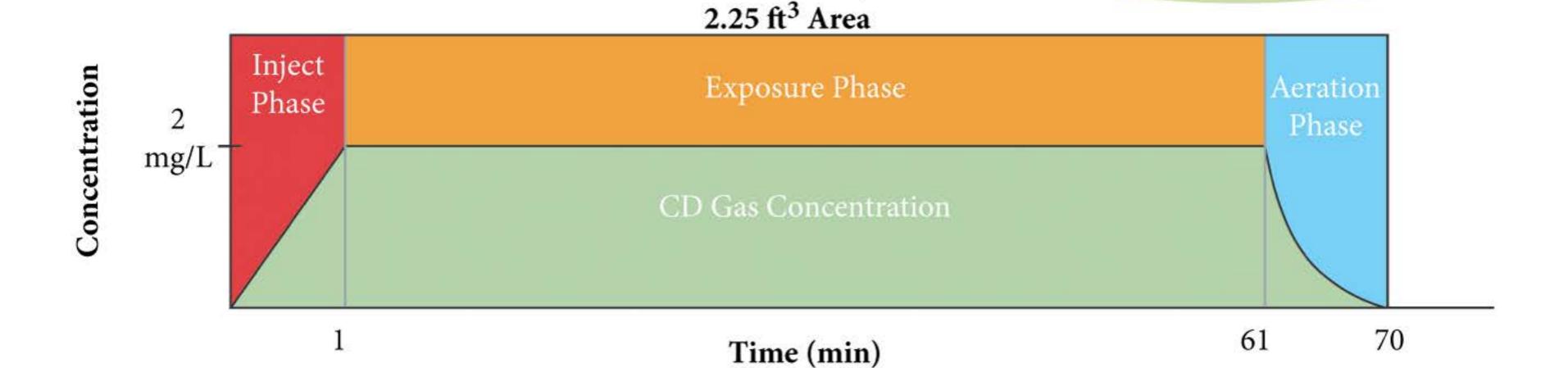
280 lbs

127 kg

Utility Requirements 100-240 VAC 5 amp, single phase

Key Features of the Minidox-MC

- Accurate CD Gas concentration monitor ensures every cycle is effective
- Fully automated process
- Integrated scrubber for automatic breakdown of gas
- Simple control system and interface
- Easily portable
- No cycle development necessary
- Effective against viruses, bacteria, fungi, spores, beta lactams and pinworm eggs
 - Multiple alarms and checkpoints for increased safety
 - Dual data storage on paper printout and USB drive
 - No required maintenance contracts



Decontamination Cycle Data

Benefits of Chlorine Dioxide Gas

- Safe on materials including sensitive electronics
- Process not affected by temperature or dew point
- ClO2 molecule smaller than viruses, bacteria and spores
- Naturally fills the space its contained within, contacing all surfaces evenly, including crevices deeper than microorganisms can reach
- No measurable residue
- Non-carcinogenic
- US EPA registered as a sterilant, able to kill all viruses, bacteria, fungi and spores
- Effective against beta lactams and pinworm eggs

Key Safety Features

- Odor Threshold at the 8-hr OSHA safety level
- Chlorine dioxide is a non-carcinogen
 (formaldehyde and ethylene oxide are known
 carcinogens and hydrogen peroxide is a Class A3
 Animal Carcinogen according to the ACGIH)
- CD Gas is able to penetrate and maintain efficacy in water, unlike hydrogen peroxide
 - Chlorine dioxide is used for both drinking water treatment and the sanitization of many foods.

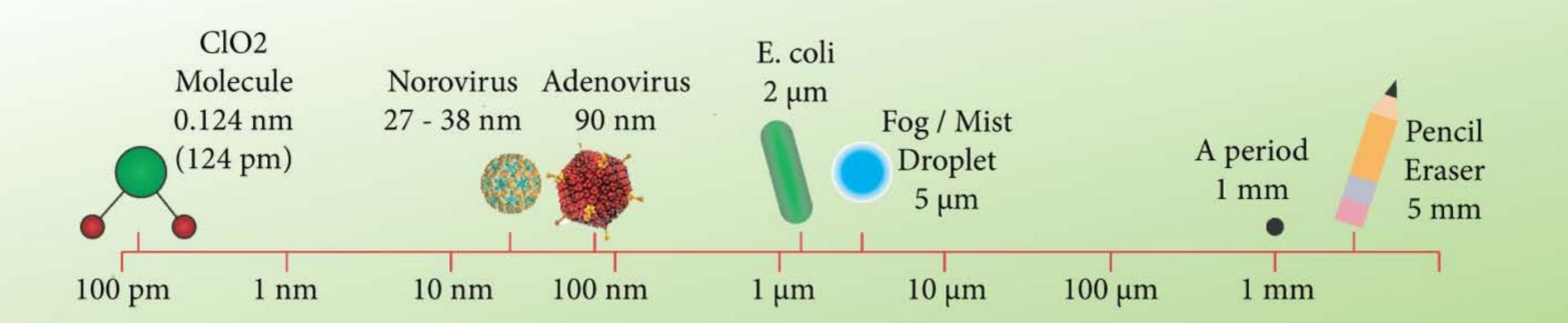
Optional Equipment

Handheld or Integrated Leak Detector

Low-level chlorine / chlorine dioxide gas sensors capable of sensing leaks from the chamber.

Applications

- Computers
- Electronics
- Medical Devices
- Sterile Products
- Instruments
- Labware
- Tools
- Supplies
- Caging



Other solutions available from ClorDiSys



Decontamination Chamber

Fully sealed chambers for the decontamination of equipment and other items. Chambers can be installed passthrough chambers, portable chambers, or dual-use rack washer / decontamination chambers.

- Items can be heat and moisture sensitive (non-autoclavable)
- Lower energy consumption compared to bulk autoclaves
- Quickest cycle times among common decontamination methods
- Items can be tyvek wrapped to keep sterile post-decontamination
- Items do not need precise placement to ensure sucessful decontamination.

Decontamination Services

Complete turnkey decontamination services on a routine or emergency basis for rooms, zones, and buildings

- No areas too large
- Routine service, emergency contamination response, pre- and post-renovation, comissioning and decomissioning.
- Fast turnaround times
- No residues
- Full report issued upon completion
- 6-log sporicidal kill
- Achieves kill in wet areas as well as dry areas

Minidox-BC Portable CD Gas Decon Chamber

A chlorine dioxide gas generator similar to the Minidox-MC but without an integrated concentration monitor.

- Able to connect up to many different types of chambers / rooms.
- Fast cycle times
- Easily portable
- Simple control system and interface
- Effective against viruses, bacteria, fungi, spores, beta lactams and pinworm eggs
- No required maintenance contracts

