

Chlorine  
Dioxide Gas  
Decontamination

# MINIDOX-L



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## Portable Chlorine Dioxide Gas Generator

The ClorDiSys Minidox-L 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 repeatable 6-log sterilization level results.

### Dimensions

23" W x 48"H x 22" D  
58cm W x 122cm H x 56cm D

### Weight

170 lbs  
77 kg

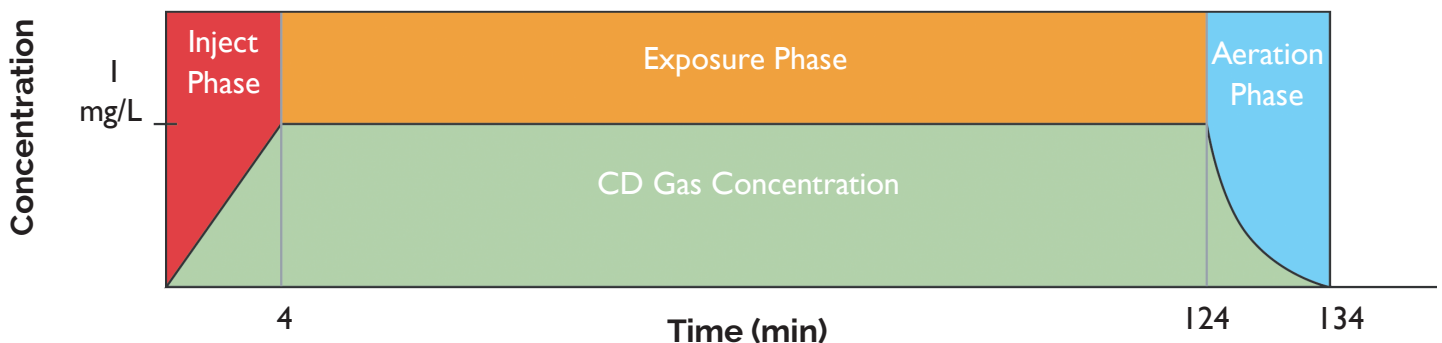
### Utility Requirements

100-240 VAC  
5 amp, single phase

### Key Features of the Minidox-L

- Able to decontaminate spaces up to 300 ft<sup>3</sup>
- Flexible multi-use generator
- Fully automated process
- Easily portable
- Simple control system and interface
- 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
  - Injection tubing can fit under most doors

Decontamination Cycle Data for 300 ft<sup>3</sup> Area



# Benefits of Chlorine Dioxide Gas

- Safe on materials including sensitive electronics
- Process not affected by temperature or dew point
- ClO<sub>2</sub> molecule smaller than viruses, bacteria and spores
- Naturally fills the space its contained within, contacting 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

## Minidox-L Optional Equipment

### Interface Plates

For quick connections from Minidox-L to various rooms / chambers

### Low Level Chlorine / Chlorine Dioxide Gas Sensor

For leak detection and location

### HVAC Isolation Systems

To isolate the room being decontaminated from a shared air handling system

### Carbon Scrubbers

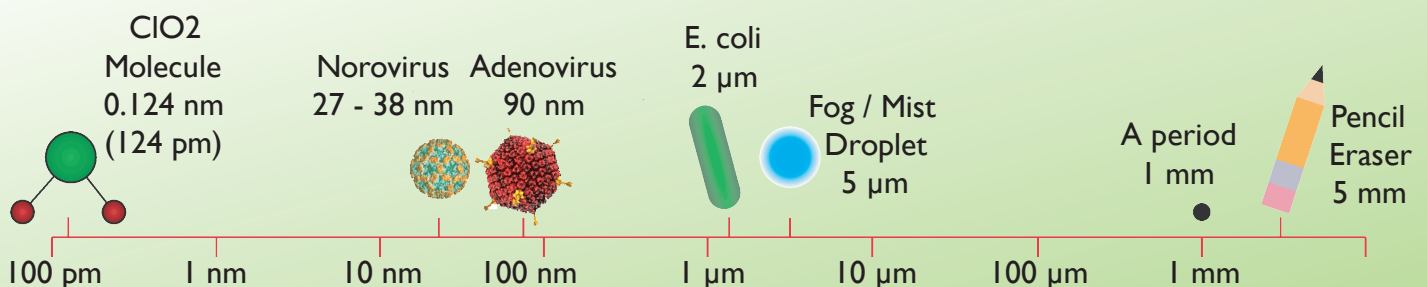
Used to break down chlorine dioxide gas when normal aeration using HVAC is not possible

### HEPA Housing Decon Kit

Kit containing connection hosing and recirculation blower to enable the Minidox-L to decontaminate HEPA housings.

## Applications

- Rooms
- HVAC Ductwork
- HEPA Housings
- Processing Tanks
- Pass-throughs
- Tented Equipment
- Lyophilizers
- Isolators
- Piping
- Decontamination Chambers
- Biological Safety Cabinets



## 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 successful 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, commissioning and decommissioning.
- 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-M Portable CD Gas Generator

A CD gas generator similar to the Minidox-B but with an integrated concentration monitor for more accurate process control.

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

