

CD ClorDiSys

"The Chlorine Dioxide People"

Providing you with chlorine dioxide solutions for your decontamination needs

Contract Sterilization Services with Chlorine Dioxide Gas

ClorDiSys Solutions offers Contract Sterilization Services where we can decontaminate / sterilize your items, equipment, supplies, and products at our facility and then ship them back to you (or someone else). ClorDiSys uses chlorine dioxide gas for sterilization of components instead of gamma irradiation, ethylene oxide gas, or electron beam methods.

THE CD GAS ADVANTAGE

- » ClorDiSys' chlorine dioxide gas is a US EPA registered sterilant capable of killing all viruses, bacteria, fungi, and spores.
- » True gases are the only agents effective in hard to reach areas, naturally and completely distributing throughout the spaces they are contained.
- » The chlorine dioxide gas molecule is much smaller than microorganisms, allowing it to reach into crevices where organisms reside.
- » Chlorine dioxide gas has been validated to be effective against Beta Lactams such as Penicillins, Cephalosporins, and Carbapenems.
- » CD Gas' green color allows it to be accurately monitored by a UV-VIS spectrophotometer, providing continuous, accurate concentration monitoring and regulation, enabling us to have complete confidence in the efficacy of each sterilization run.
- » CD gas is safe on most materials including stainless steel, anodized aluminum, painted steel, plastics, gasket materials, and electronics. (Material testing is available for new items / materials)

APPLICATIONS

Upon completion, items can either be shipped back to your facility or onward to 3rd party facility.

Sterilization for Non-Sterile Facilities	Equipment, Components, and Items entering a Clean Facility	Decontamination of Contaminated Components
Medical Devices, Instruments, HEPA and other Sterilizing Filters	Tools Computers, Printers, Keyboards, RFID tags, Monitoring instruments, Microscopes, Animal Cages, and Supplies (Shoes, Safety Glasses, Clothing)	Returns from user sites, mold issues, pinworm eggs, amplicons, and beta lactams





PACKAGING OPTIONS

- » Single wrap items in Tyvek®
 - » Component stays sterile during return shipment
- » Double wrap items in Tyvek®
 - » Component and inside packaging stay sterile during return shipment
- » No Tyvek® wrapping
 - » Requirement only to eliminate unique contamination

BIOLOGICAL INDICATORS & EFFICACY TESTING OPTIONS*

- » BI inside Tyvek® to show item was decontaminated.
- » BI in chamber as further evidence that cycle was effective.
- » No BI's, just utilize parametric release based on concentration monitoring.

** Upon completion, a Certification Sheet is issued describing the process and showing the sterilization cycle data.*

FAST PROCESSING TIMES

- » Turnaround time is traditionally 24 hours, with items typically being shipped back the day after they arrive.
- » In some cases, turnaround time can be hours, with the items arriving, being treated, and shipped on the same day.



OVER 15 YEARS OF PROVIDING THE SAFEST & MOST EFFECTIVE DECONTAMINATION SOLUTIONS AVAILABLE

ClorDiSys Solutions, Inc is a worldwide leader in decontamination and contamination control.



Founded in 2001, we utilize the most effective method of decontamination available, chlorine dioxide gas. Our chlorine dioxide gas decontamination process was developed in the pharmaceutical industry by Johnson and Johnson™, where our founders were part of the development team. Keeping the same high standards for purity, quality, and efficacy, ClorDiSys provides clients a solution for operating cleaner and safer than ever before by eliminating pathogens from the hardest to reach locations by leaving them no room to hide.