



“The Chlorine Dioxide People”

Providing you with gaseous chlorine dioxide solutions for your decontamination needs

Contract Sterilization 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.



Packaging options include:

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

Biological Indicators and 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.*

Applications:

Equipment entering sterile facilities	Sterilization for non-sterile facilities	Contaminated components
Tools, computers, printers, routers, electronics (RFID tags, monitoring instruments, microscopes), supplies (Shoes, safety glasses, clothing, animal cages)	Medical devices, HEPA and other sterilizing filters	Mold issues, pinworm contaminations, user-site returns

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



P.O. Box 549, Lebanon, NJ 08833-0549 Tel: (908) 236-4100 Fax: (908) 236-2222

www.clordisys.com

050-041 Rev C

Features:

- ClorDiSys' chlorine dioxide gas is registered with the US EPA (Reg. # 80802-1) as a sterilant capable of killing all viruses, bacteria, fungi, and spores.
- CD 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. This enables us to have complete confidence in the efficacy of each sterilization run even if no BI's are utilized.
- True gasses such as CD naturally and completely distribute throughout the spaces they are contained in, guaranteeing that all surfaces are contacted and a complete sterilization occurs.
- Chlorine Dioxide gas is much smaller than organisms allowing it to reach into crevices where organisms reside.
- Chlorine dioxide 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)



Fast Processing Times:

- Turnaround time is traditionally 24 hours, with items typically shipping 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.

**Call us for more information on the power of a TRUE GAS
908.236.4100**

ClorDiSys Solutions, Inc. of Lebanon, New Jersey (est. 2001) is a company providing years of experience in all aspects of chlorine dioxide technology with a strong background in the Medical Device and pharmaceutical industry operating under GxP. We are a flexible, responsive organization with a network of resources to handle any size project. Each project is approached by utilizing our strong sterilization and engineering skills while drawing on our background in Operations, Service, Validation, and Quality to provide solutions for all of your Chlorine Dioxide (CD) needs. We provide personal attention to ensure customer satisfaction in all services and equipment we supply.



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