

MDS SERIES

Medical Device Sterilization

PureLine™



Chlorine dioxide (ClO₂) gas is an increasingly preferred sterilant in medical settings due to its distinct advantages over ethylene oxide. Unlike ethylene oxide, which is known for its carcinogenic potential and environmental hazards, ClO₂ is more eco-friendly and less toxic. It effectively sterilizes without leaving harmful residues, reducing the risk of chemical contamination. Additionally, ClO₂ has a broader spectrum of antimicrobial activity and decomposes into harmless by-products.

Pure Advantages

- Scalable Design
- Advanced Sterilization Process
- Precision Monitoring
- User-Friendly Operation
- Safety First

Advanced Sterilization Process

Utilizing ClO₂ gas, renowned for its potent sterilizing properties, our system ensures thorough decontamination of medical devices.

Safety First

A safety latch mechanism and real-time monitoring safeguards against any operational hazards, prioritizing user safety.

User-Friendly Operation

Equipped with an intuitive interface, the system allows easy input of batch data and selection from multiple sterilization recipes.

Scalable Design

The PureLine system is designed for efficiency and adaptability in various medical settings, scalable for sterilization needs. The MDS Series sterilization system is easy to integrate and connect to a sterilization chamber, operating the entire cycle utilizing a vacuum technology and advanced controls. Scalable from benchtop to 1, 2, or 3 pallet chamber sizes.

Precision Monitoring

The system meticulously records temperature, humidity, ClO₂ levels, and batch information, ensuring each sterilization cycle is executed with the highest precision. The MDS Series has flexible cycle designs and parameter controls.



PureLine
The leader in chlorine dioxide
generation + application.

ClO₂

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