

## DC Series MEDICAL DEVICE STERILIZATION



Chlorine dioxide (ClO<sub>2</sub>) 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, ClO<sub>2</sub> is more eco-friendly and less toxic. It effectively sterilizes without leaving harmful residues, reducing the risk of chemical contamination. Additionally, ClO<sub>2</sub> 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

**Scalable Design:** The PureLine system is designed for efficiency and adaptability in various medical settings, scalable for sterilization needs. The DC 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.

**Advanced Sterilization Process:** Utilizing ClO<sub>2</sub> gas, renowned for its potent sterilizing properties, our system ensures thorough decontamination of medical devices.

**Precision Monitoring:** The system meticulously records temperature, humidity, ClO<sub>2</sub> levels, and batch information, ensuring each sterilization cycle is executed with the highest precision. The DC Series has flexible cycle designs and parameter controls.

**User-Friendly Operation:** Equipped with an intuitive interface, the system allows easy input of batch data and selection from multiple sterilization recipes.

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