

CELL & GENE THERAPY

# REDUCE RISK AND OPTIMIZE EFFICIENCY

HOLISTIC. EFFECTIVE. TRUSTED.

Advancing the Science of  
Contamination Control

 **STERIS**

# SURROUND YOUR CONTROLLED ENVIRONMENT WITH TOTAL CONFIDENCE

Our holistic contamination control products and services include the right tools, technologies and expertise. Individually, they add value to your contamination control program. Together, they work synergistically to help your business succeed.

We invest the time to gather an end-to-end understanding of your operation and work with you to configure the ideal mix of offerings – integrated to meet your requirements.

**We partner with you to evaluate your facility and operational challenges and help you develop a comprehensive contamination control program.**



# MULTI-LAYER SUPPORT REDUCES RISK FOR YOUR OPERATION

Comprehensive contamination control involves a multi-layered approach. Each layer is vital for the success of your cell and gene therapy operation.

We protect your operation at every step.



## Cleaners & Disinfectants

Our cleaners and disinfectants have the efficacy you need to keep the most challenging bioburden controlled and are backed by a technical data package to support your validation efforts.



## VHP Biodecontamination

Vaporized Hydrogen Peroxide (VHP) is an innovative technology developed by STERIS and used globally to biodecontaminate controlled environments with efficiency and thoroughness.



## Expertise & Support

The development and support of a contamination control program requires a thorough understanding of industry guidance, regulations, best practices and standard operating procedures. We can help you create and implement a contamination control program that enables success.



## Cleanroom Services

Cleanroom services provide timely support when you need outside assistance. Our experienced professionals deliver everything from environmental monitoring to certification of your biosafety cabinets to support your needs.



## Consumables & Equipment

We offer a complete package to ensure you have the right contamination control tools at the right time. You can focus more on your work and spend less time ensuring everything is operating as expected.



# THE ESSENTIAL ELEMENTS OF CONTAMINATION CONTROL

Providing the support and tools  
you need to protect your products  
from contamination – helping you  
get to market faster.

## Cleaners & Disinfectants

The rotation of a disinfectant with a sporicide is proven to be the most effective cleaning and disinfecting strategy for cell and gene therapy operations. Our collection of concentrates and ready-to-use products are fully validated and effective against the hardest-to-kill organisms.

- Sporicides
- Phenolics
- Alcohols
- Quaternary Ammonium Compounds
- Hydrogen Peroxide

These products are offered in several packaging options, including wipes, to support your efficiency and compliance goals.

We can help you determine an optimal rotation program for your operation and ensure you remain efficient and compliant.



## VHP Biodecontamination

The optimal VHP method for your operation depends on application frequency and your facility's HVAC system and layout.

### Integrated

Through facility-wide integration, VHP utilizes your existing HVAC system and runs automated cycles at the push of a button. Integrated VHP supports repeatable 6-log bioburden reduction for a broad range of applications. With integrated VHP, cleanrooms can be biodecontaminated through automation, minimizing disruption and allowing for frequent biodecontamination.

### Mobile

Alternatively, VHP is capable of deployment via a mobile unit for versatile biodecontamination. Mobile VHP units can be placed inside or outside of an enclosure for portable and versatile biodecontamination.

### Applications

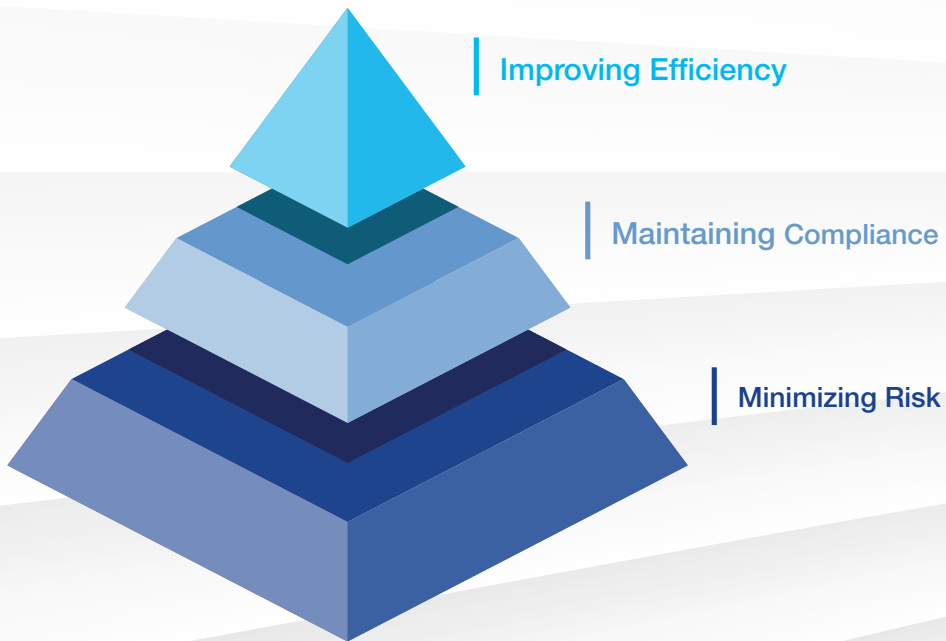
Common VHP applications for cell and gene therapy operations include:

- Manufacturing suite biodecontamination
- Material transfer
- Aseptic environments

# BEYOND THE ESSENTIALS

A strong foundation in contamination control is necessary for minimizing risk. Additionally, it is critical to maintain compliance and continuously improve operational efficiency to ensure you achieve your goals.

Our knowledgeable team will partner with you to help you overcome labor shortages and churn. We can ensure you remain compliant by providing the tools and support you need to keep your operation moving forward.



A strong foundation in contamination control is necessary for minimizing risk.

## MAINTAINING COMPLIANCE

### Expertise & Support

The development of a contamination control program and standard operating procedures (SOP) will ensure your operation remains compliant and adaptable to evolving industry regulations.

With decades of experience, our Technical Services team provides direct consultation to help you organize your plan and overcome complex challenges.



# IMPROVING EFFICIENCY

## Pre-Sterilized, Pre-Bagged Tools and Supplies

Pre-packaged and pre-sterilized supplies simplify the movement of materials and reduce contamination risk during transfer.

This ensures regulatory compliance and convenience for operators. Our specialty is custom packaging to suit your specific operational requirements.

## Ready-to-Use Products

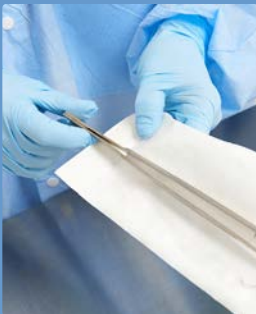
Our portfolio of ready-to-use products reduces bioburden on items transferred into your cleanroom via passthrough applications.

Our ready-to-use disinfectants help avoid mixing errors and are pre-packaged and sterilized for easy transfer into your cleanroom to reduce risk as well as labor and compliance challenges.

## Cleanroom Services

Our experienced professionals deliver our cleanroom services and apply a meticulous approach to supporting your needs.

- Environmental monitoring to support your efforts to remain compliant with industry standards
- Certification of biosafety cabinets to help you meet standard requirements
- High-quality VHP biodecontamination to protect your controlled environment







# BUILDING A STRONG FOUNDATION

We have everything your operation needs to meet your unique requirements. From consumables to services and equipment – we have you covered.



## **Water for Injection**

- Designed to dilute surface disinfectants and cleaners for more effective cleaning
- Available as a water still for consistent generation of water for injection or in double-bagged bottles for easy entry into a cleanroom



## **Washers and Detergents**

- Provide consistent, high-level process cleaning and minimize utility and water consumption

## **Sterilizers**

- Versatile steam sterilizers that shorten validation time and increase flexibility

## **Sterility Assurance and Maintenance Products**

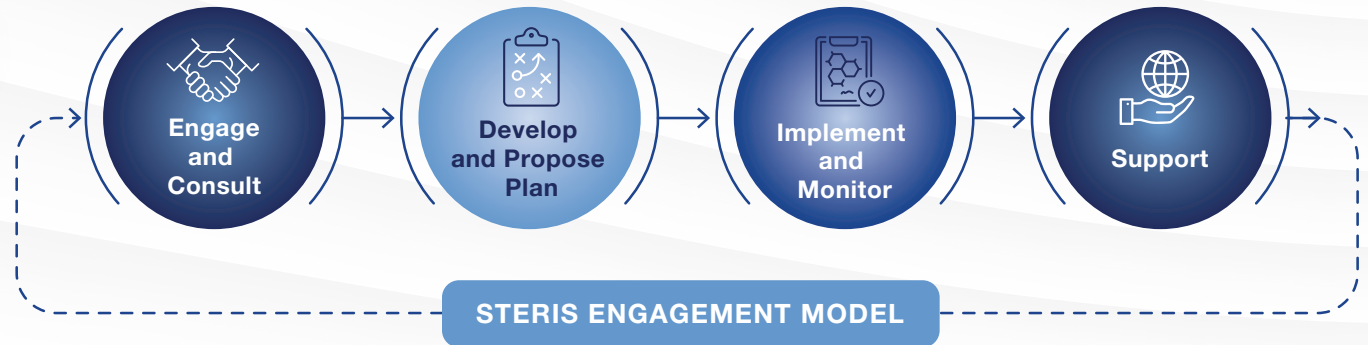
- Reduce risk and assure sterility during sterilization, transfer and storage and aseptic presentation of your critical equipment and tools



## **Pure Steam Generators**

- Shorten your cycles by providing high-quality, pure steam

# PARTNERING FOR TODAY AND TOMORROW



## Serving Your Needs

Our engagement model is designed to put you first. We learn about your process and listen to your needs. That way, we can develop a plan that meets your requirements – large or small. And we stay close to ensure our offerings and services meet your expectations.

## Scaling with You

As your operation grows, we can provide the support you need to take the next step. Whether you scale up or out, our equipment, disinfectants and detergents can be tailored to your unique needs. And our knowledgeable team will provide continuity, confidence and expertise.



## Partner with Us to Optimize Your Process

Contact us today to learn how we can support your cell and gene therapy operation at every step of your process. Our team will work with you to determine optimal solutions to your unique challenges.