



Providing Sterilisation & Laboratory Services for the world's most innovative healthcare companies.

From the Blog

Steam Sterilisation at Medistri

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Steam sterilization is an efficient and reliable method for decontaminating medical devices and pharmaceuticals. By exposing products to saturated steam at temperatures between 121°C and 134°C, this process ensures thorough microbial eradication while preserving product integrity. Carefully controlled temperature, pressure, and humidity provide an optimal environment for steam to effectively sterilize every surface. The result is a trusted solution that maintains the functionality of your products while ensuring their safety.

Understanding Steam Sterilization Validation

Sterilization validation is essential to ensure that the steam sterilization process is both effective and consistent. It involves verifying that the sterilization cycle thoroughly eliminates harmful microorganisms while maintaining the quality of the product. With biological indicators and real-time monitoring, we guarantee that every surface is properly sterilized. Our in-house validation ensures compliance with industry standards, including ISO 17665, ANSI, and AAMI guidelines, providing you with confidence in the reliability of the sterilization process.

Who Benefits from Steam Sterilization?

Our steam sterilization services are ideal for medical device manufacturers, pharmaceutical companies, and startups looking to ensure their products meet the highest quality standards. Whether you need routine sterilization for your products or are conducting research and development (R&D), Medistri offers tailored solutions to fit your needs. We work with businesses of all sizes, from emerging companies to large corporations, to ensure their products are sterile, safe, and compliant with regulations.

How Medistri Can Help You Achieve the Highest Standards

At Medistri, we offer state-of-the-art steam sterilization technology, including a 400L capacity sterilization chamber, designed to handle both routine sterilization and R&D for medical devices and pharmaceuticals. Our advanced autoclave technology ensures precise control for effective sterilization, and our in-house sterilization validation guarantees that every cycle meets stringent safety and quality standards.



Additionally, our dedicated laboratory team provides support for both routine testing and the development of new processes, ensuring your products are consistently sterilized to the highest standards. With Medistri, you get the peace of mind that comes from knowing your products are in expert hands.

For more information about steam sterilization services, or to learn how Medistri guarantees the highest standards of safety and compliance, visit our website [here](#) or contact our dedicated team at contact@medistri.com.

— The Medistri Team

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