



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

Contract Sterilisation Services

EO Sterilisation

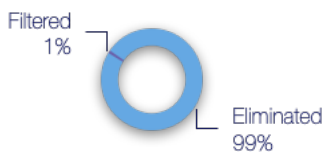
Ethylene Oxide (EO or ETO) sterilisation technology is used for the sterilisation of more than 62% of single use medical devices & pharmaceuticals. The process requires the simultaneous control of five variables: product design, gas concentration, temperature, relative humidity, and time of exposure. As a low-temperature sterilisation technology (generally between 40-60°C), it is used particularly for heat-sensitive products.

Achieve your environmental targets.

Since 2006, we've kept our focus on investing our resources in order to offer a **sustainable** alternative to the traditional EO sterilisation process. Medistri has introduced a smarter solution to the market called the "Biological Indicator/ Bioburden Approach". This approach requires that the Bioburden stays constant over time and less resistant than the biological indicators used.

- Shorter Cycle Duration.
- Reduces Gas Use.
- Sustainable & Environmentally Friendly.

Our EO Gas Treatment Technology - Engineered to Overdeliver.



100%

Renewable sources of Electricity for all our facilities.

In-House Expertise, In-House Infrastructure.

We've designed our company's laboratory and sterilisation units to be working hand in hand with our quality team, under one roof, at all times. Our Laboratory operates with its own independent accreditations, certifications and quality management system. Once your products have been sterilised, Medistri will perform all your required analysis in our in-house GMP Accredited laboratory (certified ISO 17025) to analyse and to evaluate the safety of your sterile products.

- Eliminate Logistical Complexities
- Simplify Operational activities
- Simplify Supply Chain
- Simplify Communications
- Eliminate Uncertainty.

Faster Go-to-market.

Medistri's smarter & intelligently designed EO sterilisation cycles can be completed within 3 days from the arrival of your products at our facilities.

Pick the Technology that's right for you.

Highly effective, the power of penetration of the gas allows to sterilise a wide range of medical, pharmaceutical and healthcare articles in their definitive packaging:

- Pharmaceutical vials.
- Temperature sensitive products.
- Products with integrated-electronics.
- Products with integrated batteries.
- Polymer based products.
- Implants.
- Surgical Kits.
- Single-use medical devices.
- Drug-Device Combination products.

Sterilisation Validation - ISO 11135.

An Ethylene Oxide (EO) Sterilization Validation is designed to assist the manufacturer in the development of a sterilization process that delivers the appropriate sterility assurance level and ensures repeatability for each product type developed. With the expertise of our in-house validation team, Medistri carries out Ethylene Oxide validations in accordance with ISO 11135.

Additional Features.

- Authorised manipulation of pharmaceutical products.
- Storage Capacity at Regulated Temperatures.
- Ability to sterilise at temperatures as low as 32°C.
- Operations running 24/7 with complete visibility on your process status.
- Ability to design custom cycles.
- Fast.