

Contract Sterilisation Services

EO Sterilisation Process

Step 1: Welcome to Medistri

Upon arrival, all customer products are carefully inspected and identified to ensure that they are prepared for labelling & sterilization. We check eventual damages and the delivery notes, where we compare the validation process with the customer card verification.



Step 3: Sterilisation

Once the product is loaded in the sterilisation chamber, the parameters are already set in the system according to validated processes to create the precise conditions of temperature, humidity, and gas concentration. The process could take between 11 to 15 hours based on the kind of product. Medistri works with a All-in-one process with environmentally friendly gas treatment technology, where the process is on one unique chamber, allowing faster deliveries.



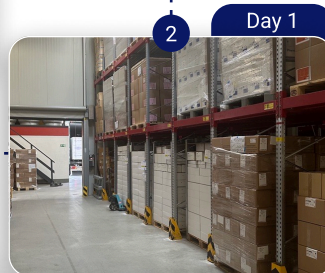
Step 5: Sterility certificate

Once the laboratory testing phase is completed and the samples are tested according to validation protocols, a sterilization certificate is independently issued by the laboratory and quality departments. This document ensures the compliance of the cycle and laboratory test results.



Step 2: Pre-heat & loading the sterilizer

Items are first subjected to pre-heat, which involves exposing them to controlled & monitored temperature for a predetermined duration. Once conditioned, the items are carefully loaded into the sterilization chamber to ensure that they are according to the predefined process.



Step 4: Aeration phase while we perform laboratory testing

After the EO sterilisation phase, the items are aerated to remove any residual gas and bring them back to safe levels for handling & usage. During the aeration phase, samples are removed for Biological testing, Endotoxin/LAL, residuals & sterility testing in our in-house laboratory to confirm that the sterilization process was effective according to the predefined method and custom request.



Step 6: Shipping to customer

Finally, the sterile pallets are wrapped in MedistriFilm for protection & traceability before being shipped to our customers with a delivery note which will be signed by the transport company.

