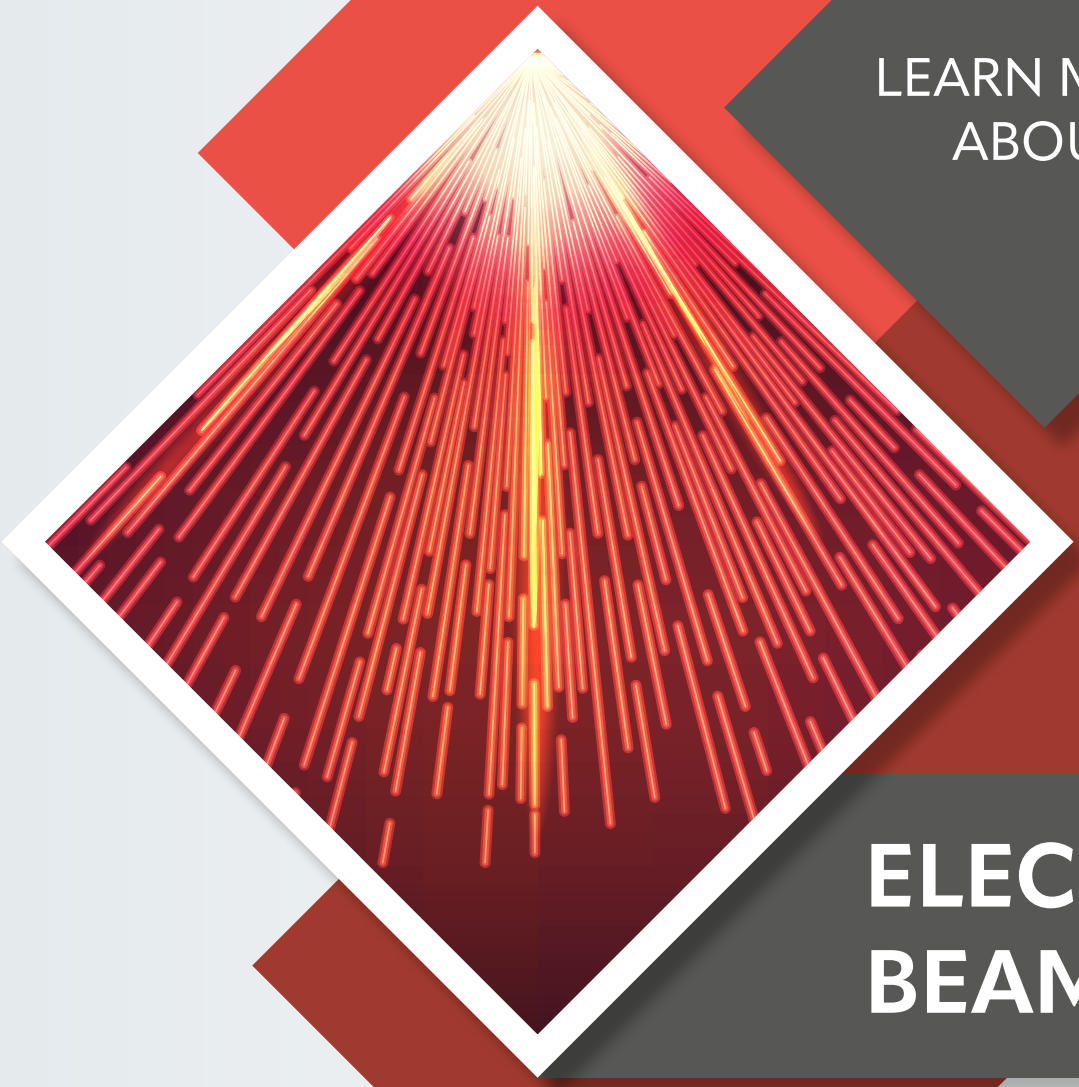
IONISOS

LEARN MORE ABOUT



ELECTRON BEAM

ELECTRON BEAM STERILIZATION

Electron beam sterilization is the fastest method to treat your products and can be used on a large variety of materials.

Total effectiveness against living organisms

Fast processing

Large processing capacity

No residue

IONISOS

ELECTRON BEAM

HOW DOES IT WORK?

Beta sterilisation involves exposing the product to be treated to an electron beam for a short period of time.

The product cartons are placed on a conveyor belt which passes them through an electron beam to be irradiated in their transport packaging. Depending on the dose and the type of product, the carton moves more or less quickly under the electron beam.

This solution is as fast as it is economical, since the treatment of each box takes only a few seconds, compared to several hours with gamma or ethylene oxide sterilisation. Our beta plants are fully automated for optimal processing conditions and fast turnaround times.

Particularly flexible, e-beam radiation is often a preferred solution for medical devices and pharmaceuticals, which can be processed quickly in large quantities. It is also used to prevent contamination of packaging and cosmetics.

COMPATIBLE WITH A WIDE RANGE OF PRODUCTS

- Catheter
- Dressings
- Compresses
- Cosmetics
- Syringes
- Surgical trays
- Rubber gloves
- Packaging

And many more...

ISO CERTIFICATIONS

ISO 11137

Chaumesnil and Tarancón sites are ISO 11137 compliant. The ISO 11137 standard groups together the requirements for the sterilization of medical devices using radiation in industry and health care institutions.

ISO 13485

Chaumesnil and Tarancón sites are ISO 13485 compliant. The ISO 13485 contains a comprehensive quality management system for the design and manufacture of medical devices.

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