



**Sterigenics**<sup>®</sup>  
A Sotera Health company

# Gamma



The Global Leader in Comprehensive  
Sterilization Solutions

[sterigenics.com](http://sterigenics.com)

# Gamma

A form of electromagnetic energy characterized by its deep penetration and low dose rates. Gamma irradiators are powered by Cobalt-60, effectively killing microorganisms throughout the product and its packaging with very little temperature effect and no residues. The amount of radiation received depends on the type of product and its dose requirements. Dosimetric release allows products to be processed, verified and immediately released for shipment. Our exclusive ExCell high-precision irradiator delivers precision dosing to within  $\pm 10$  percent.

## Best Suited for:

- Single-use medical products
- Packaged products
- Food products
- Cosmetics
- Tissue-based devices
- Implantable medical devices (stents, heart valves, orthopedics)
- Pharmaceutical products and packaging
- Combination medical devices that may contain a pharmaceutical or biologic
- Raw materials

## Key Benefits:

Gamma sterilization technology is very well understood, safe and easy to validate. It is an effective sterilization method due to its:

### **Sterility Assurance and Treatment Efficacy:**

Consistently meets product and regulatory requirements.

### **Safety:**

Proven track record in worker and product safety.

### **Flexibility and Versatility:**

Effectively sterilizes a wide range of products with different variations in dose requirements, densities and packaging/box sizes.

### **Reliability:**

The reliability and simplicity of the process is unparalleled.

## Gamma Facilities



NORTH & SOUTH  
AMERICA



EUROPE



ASIA

## Comprehensive Sterilization Solutions

We are over 1600 engineers, scientists, safety specialists and solution providers focused on eliminating threats to the health of humanity. We have global breadth and more than 90 years of deep expertise across Gamma, EO, E-Beam and X-ray sterilization. Our operations span 47 facilities in 13 countries to ensure we are the "point of safe" for our customers.

**Safeguarding Global Health™ – with every product we sterilize.**



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