

# **Offsite Sterilization Service Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type**

<https://marketpublishers.com/r/OE2E4AA791BAEN.html>

Date: April 2025

Pages: 94

Price: US\$ 3,200.00 (Single User License)

ID: OE2E4AA791BAEN

## **Abstracts**

### **Offsite Sterilization Services Market Summary**

#### **Introduction**

Offsite sterilization services, utilizing technologies like ethylene oxide, gamma, and electron beam, ensure the safety of medical devices and pharmaceuticals by reducing hospital-acquired infections (HAIs), which affect 7 million patients globally each year. The market is driven by rising surgical volumes (310 million annually), complex device needs, and outsourcing trends to cut costs by 30%-50%. Innovations like NO<sub>2</sub> sterilization and AI monitoring enhance efficiency. The global market is projected to reach between USD 1.2 billion and USD 2.0 billion in 2025, with a CAGR of 6.4% to 8.6% through 2030.

#### **Regional Analysis**

**North America:** The U.S. leads with high surgical rates, while Canada focuses on regulatory compliance.

**Europe:** Germany, France, and the UK drive demand due to advanced healthcare systems.

**Asia Pacific:** China and India see growth from manufacturing hubs, while Japan emphasizes precision sterilization.

Rest of the World: Brazil expands medical device production, and the Middle East invests in infection control.

### Application Analysis

Hospitals: Expected growth of 6.5%-8.7%, driven by infection control needs. Trends focus on outsourcing.

Clinics: Projected growth of 6.3%-8.5%, linked to outpatient procedures. Developments emphasize efficiency.

Medical Device Companies: Anticipated growth of 6.6%-8.8%, suited for complex instruments. Advances prioritize scalability.

Pharmaceutical Companies: Expected growth of 6.4%-8.6%, driven by biologics. Trends lean toward compliance.

Others: Projected growth of 6.2%-8.4%, covering niche uses. Innovations focus on versatility.

### Technology Analysis

Ethylene Oxide Sterilization: Expected growth of 6.4%-8.6%, valued for versatility. Trends highlight eco-friendly systems.

Gamma Sterilization: Projected growth of 6.5%-8.7%, key for high volumes. Advances focus on safety.

Electron Beam Sterilization: Anticipated growth of 6.6%-8.8%, suited for precision. Innovations emphasize speed.

Steam Sterilization: Expected growth of 6.3%-8.5%, driven by cost-efficiency. Trends lean toward automation.

NO2 Sterilization: Projected growth of 6.7%-8.9%, key for eco-friendliness. Advances focus on low-temperature use.

Others: Anticipated growth of 6.2%-8.4%, covering emerging tech. Trends prioritize

innovation.

### Type Analysis

Contract Sterilization Services: Expected growth of 6.5%-8.7%, valued for outsourcing. Trends highlight scalability.

Sterilization Validation Services: Projected growth of 6.3%-8.5%, key for compliance. Advances focus on AI monitoring.

### Key Market Players

Leading firms include Steris, offering X-ray sterilization; Sotera Health, enhancing gamma services; Cretex Medical, supporting device makers; BGS Beta-Gamma-Service, focusing on radiation; E-BEAM Services, advancing e-beam tech; Medistri SA, boosting compliance; Midwest Sterilization Corporation, scaling operations; Microtrol Sterilization Services, targeting pharma; ClorDiSys Solutions, innovating in NO<sub>2</sub>; and Noxilizer, expanding NO<sub>2</sub> services.

### Porter's Five Forces Analysis

Threat of New Entrants: Moderate, due to regulatory and capital barriers, though niche tech innovators can enter.

Threat of Substitutes: Low, as offsite sterilization is critical for compliance with no direct alternatives.

Bargaining Power of Buyers: Moderate, with facilities seeking cost-effective, compliant services, though specialized needs limit options.

Bargaining Power of Suppliers: Low, with multiple tech and material providers.

Competitive Rivalry: High, with competition on cost, speed, and eco-friendliness.

### Market Opportunities and Challenges

Opportunities:

HAIs (7 million cases) and surgeries (310 million) drive demand.

Aging populations (2.1 billion over 60 by 2050) boost needs, while NO<sub>2</sub> and AI-driven tech enhance adoption.

Outsourcing trends increase usage.

#### Challenges:

High costs of advanced tech limit access in low-income regions.

Regulatory delays for new methods slow growth.

Environmental concerns over EtO emissions pose barriers.

#### Market News

In March 2023, Getinge acquired Ultra Clean Systems Inc., specializing in ultrasonic cleaning.

In August 2023, STERIS plc acquired surgical and sterilization assets from BD.

In April 2024, Noxilizer expanded NO<sub>2</sub> contract sterilization in the U.S.

## Contents

### **CHAPTER 1 EXECUTIVE SUMMARY**

### **CHAPTER 2 ABBREVIATION AND ACRONYMS**

### **CHAPTER 3 PREFACE**

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

Chapter Four Market Landscape

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

### **CHAPTER 5 MARKET TREND ANALYSIS**

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

### **CHAPTER 6 INDUSTRY CHAIN ANALYSIS**

6.1 Upstream/Suppliers Analysis

6.2 Offsite Sterilization Service Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

### **CHAPTER 7 LATEST MARKET DYNAMICS**

7.1 Latest News

7.2 Merger and Acquisition

7.3 Planned/Future Project

7.4 Policy Dynamics

## **CHAPTER 8 HISTORICAL AND FORECAST OFFSITE STERILIZATION SERVICE MARKET IN NORTH AMERICA (2020-2030)**

8.1 Offsite Sterilization Service Market Size

8.2 Offsite Sterilization Service Market by End Use

8.3 Competition by Players/Suppliers

8.4 Offsite Sterilization Service Market Size by Type

8.5 Key Countries Analysis

8.5.1 United States

8.5.2 Canada

8.5.3 Mexico

## **CHAPTER 9 HISTORICAL AND FORECAST OFFSITE STERILIZATION SERVICE MARKET IN SOUTH AMERICA (2020-2030)**

9.1 Offsite Sterilization Service Market Size

9.2 Offsite Sterilization Service Market by End Use

9.3 Competition by Players/Suppliers

9.4 Offsite Sterilization Service Market Size by Type

9.5 Key Countries Analysis

9.5.1 Brazil

9.5.2 Argentina

9.5.3 Chile

9.5.4 Peru

## **CHAPTER 10 HISTORICAL AND FORECAST OFFSITE STERILIZATION SERVICE MARKET IN ASIA & PACIFIC (2020-2030)**

10.1 Offsite Sterilization Service Market Size

10.2 Offsite Sterilization Service Market by End Use

10.3 Competition by Players/Suppliers

10.4 Offsite Sterilization Service Market Size by Type

10.5 Key Countries Analysis

10.5.1 China

10.5.2 India

10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

## **CHAPTER 11 HISTORICAL AND FORECAST OFFSITE STERILIZATION SERVICE MARKET IN EUROPE (2020-2030)**

- 11.1 Offsite Sterilization Service Market Size
- 11.2 Offsite Sterilization Service Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Offsite Sterilization Service Market Size by Type
- 11.5 Key Countries Analysis
  - 11.5.1 Germany
  - 11.5.2 France
  - 11.5.3 United Kingdom
  - 11.5.4 Italy
  - 11.5.5 Spain
  - 11.5.6 Belgium
  - 11.5.7 Netherlands
  - 11.5.8 Austria
  - 11.5.9 Poland
  - 11.5.10 Russia

## **CHAPTER 12 HISTORICAL AND FORECAST OFFSITE STERILIZATION SERVICE MARKET IN MEA (2020-2030)**

- 12.1 Offsite Sterilization Service Market Size
- 12.2 Offsite Sterilization Service Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Offsite Sterilization Service Market Size by Type
- 12.5 Key Countries Analysis
  - 12.5.1 Egypt
  - 12.5.2 Israel
  - 12.5.3 South Africa
  - 12.5.4 Gulf Cooperation Council Countries
  - 12.5.5 Turkey

## **CHAPTER 13 SUMMARY FOR GLOBAL OFFSITE STERILIZATION SERVICE MARKET (2020-2025)**

- 13.1 Offsite Sterilization Service Market Size
- 13.2 Offsite Sterilization Service Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Offsite Sterilization Service Market Size by Type

## **CHAPTER 14 GLOBAL OFFSITE STERILIZATION SERVICE MARKET FORECAST (2025-2030)**

- 14.1 Offsite Sterilization Service Market Size Forecast
- 14.2 Offsite Sterilization Service Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Offsite Sterilization Service Type Forecast

## **CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS**

- 15.1 Steris
  - 15.1.1 Company Profile
  - 15.1.2 Main Business and Offsite Sterilization Service Information
  - 15.1.3 SWOT Analysis of Steris
  - 15.1.4 Steris Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)
- 15.2 Sotera Health
  - 15.2.1 Company Profile
  - 15.2.2 Main Business and Offsite Sterilization Service Information
  - 15.2.3 SWOT Analysis of Sotera Health
  - 15.2.4 Sotera Health Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)
- 15.3 Cretex Medical
  - 15.3.1 Company Profile
  - 15.3.2 Main Business and Offsite Sterilization Service Information
  - 15.3.3 SWOT Analysis of Cretex Medical
  - 15.3.4 Cretex Medical Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)
- 15.4 BGS Beta-Gamma-Service
  - 15.4.1 Company Profile
  - 15.4.2 Main Business and Offsite Sterilization Service Information
  - 15.4.3 SWOT Analysis of BGS Beta-Gamma-Service
  - 15.4.4 BGS Beta-Gamma-Service Offsite Sterilization Service Revenue, Gross Margin



and Market Share (2020-2025)

#### 15.5 E-BEAM Services

15.5.1 Company Profile

15.5.2 Main Business and Offsite Sterilization Service Information

15.5.3 SWOT Analysis of E-BEAM Services

15.5.4 E-BEAM Services Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)

#### 15.6 Medistri SA

15.6.1 Company Profile

15.6.2 Main Business and Offsite Sterilization Service Information

15.6.3 SWOT Analysis of Medistri SA

15.6.4 Medistri SA Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)

#### 15.7 Midwest Sterilization Corporation

15.7.1 Company Profile

15.7.2 Main Business and Offsite Sterilization Service Information

15.7.3 SWOT Analysis of Midwest Sterilization Corporation

15.7.4 Midwest Sterilization Corporation Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)

#### 15.8 Microtrol Sterilization Services

15.8.1 Company Profile

15.8.2 Main Business and Offsite Sterilization Service Information

15.8.3 SWOT Analysis of Microtrol Sterilization Services

15.8.4 Microtrol Sterilization Services Offsite Sterilization Service Revenue, Gross Margin and Market Share (2020-2025)

Please ask for sample pages for full companies list

Tables and Figures

Table Abbreviation and Acronyms

Table Research Scope of Offsite Sterilization Service Report

Table Data Sources of Offsite Sterilization Service Report

Table Major Assumptions of Offsite Sterilization Service Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Offsite Sterilization Service Picture

Table Offsite Sterilization Service Classification

Table Offsite Sterilization Service Applications

Table Drivers of Offsite Sterilization Service Market

Table Restraints of Offsite Sterilization Service Market

Table Opportunities of Offsite Sterilization Service Market

Table Threats of Offsite Sterilization Service Market
Table Covid-19 Impact For Offsite Sterilization Service Market
Table Raw Materials Suppliers
Table Different Production Methods of Offsite Sterilization Service
Table Cost Structure Analysis of Offsite Sterilization Service
Table Key End Users
Table Latest News of Offsite Sterilization Service Market
Table Merger and Acquisition
Table Planned/Future Project of Offsite Sterilization Service Market
Table Policy of Offsite Sterilization Service Market
Table 2020-2030 North America Offsite Sterilization Service Market Size
Figure 2020-2030 North America Offsite Sterilization Service Market Size and CAGR
Table 2020-2030 North America Offsite Sterilization Service Market Size by Application
Table 2020-2025 North America Offsite Sterilization Service Key Players Revenue
Table 2020-2025 North America Offsite Sterilization Service Key Players Market Share
Table 2020-2030 North America Offsite Sterilization Service Market Size by Type
Table 2020-2030 United States Offsite Sterilization Service Market Size
Table 2020-2030 Canada Offsite Sterilization Service Market Size
Table 2020-2030 Mexico Offsite Sterilization Service Market Size
Table 2020-2030 South America Offsite Sterilization Service Market Size
Figure 2020-2030 South America Offsite Sterilization Service Market Size and CAGR
Table 2020-2030 South America Offsite Sterilization Service Market Size by Application
Table 2020-2025 South America Offsite Sterilization Service Key Players Revenue
Table 2020-2025 South America Offsite Sterilization Service Key Players Market Share
Table 2020-2030 South America Offsite Sterilization Service Market Size by Type
Table 2020-2030 Brazil Offsite Sterilization Service Market Size
Table 2020-2030 Argentina Offsite Sterilization Service Market Size
Table 2020-2030 Chile Offsite Sterilization Service Market Size
Table 2020-2030 Peru Offsite Sterilization Service Market Size
Table 2020-2030 Asia & Pacific Offsite Sterilization Service Market Size
Figure 2020-2030 Asia & Pacific Offsite Sterilization Service Market Size and CAGR
Table 2020-2030 Asia & Pacific Offsite Sterilization Service Market Size by Application
Table 2020-2025 Asia & Pacific Offsite Sterilization Service Key Players Revenue
Table 2020-2025 Asia & Pacific Offsite Sterilization Service Key Players Market Share
Table 2020-2030 Asia & Pacific Offsite Sterilization Service Market Size by Type
Table 2020-2030 China Offsite Sterilization Service Market Size
Table 2020-2030 India Offsite Sterilization Service Market Size
Table 2020-2030 Japan Offsite Sterilization Service Market Size
Table 2020-2030 South Korea Offsite Sterilization Service Market Size

Table 2020-2030 Southeast Asia Offsite Sterilization Service Market Size
Table 2020-2030 Australia Offsite Sterilization Service Market Size
Table 2020-2030 Europe Offsite Sterilization Service Market Size
Figure 2020-2030 Europe Offsite Sterilization Service Market Size and CAGR
Table 2020-2030 Europe Offsite Sterilization Service Market Size by Application
Table 2020-2025 Europe Offsite Sterilization Service Key Players Revenue
Table 2020-2025 Europe Offsite Sterilization Service Key Players Market Share
Table 2020-2030 Europe Offsite Sterilization Service Market Size by Type
Table 2020-2030 Germany Offsite Sterilization Service Market Size
Table 2020-2030 France Offsite Sterilization Service Market Size
Table 2020-2030 United Kingdom Offsite Sterilization Service Market Size
Table 2020-2030 Italy Offsite Sterilization Service Market Size
Table 2020-2030 Spain Offsite Sterilization Service Market Size
Table 2020-2030 Belgium Offsite Sterilization Service Market Size
Table 2020-2030 Netherlands Offsite Sterilization Service Market Size
Table 2020-2030 Austria Offsite Sterilization Service Market Size
Table 2020-2030 Poland Offsite Sterilization Service Market Size
Table 2020-2030 Russia Offsite Sterilization Service Market Size
Table 2020-2030 MEA Offsite Sterilization Service Market Size
Figure 2020-2030 MEA Offsite Sterilization Service Market Size and CAGR
Table 2020-2030 MEA Offsite Sterilization Service Market Size by Application
Table 2020-2025 MEA Offsite Sterilization Service Key Players Revenue
Table 2020-2025 MEA Offsite Sterilization Service Key Players Market Share
Table 2020-2030 MEA Offsite Sterilization Service Market Size by Type
Table 2020-2030 Egypt Offsite Sterilization Service Market Size
Table 2020-2030 Israel Offsite Sterilization Service Market Size
Table 2020-2030 South Africa Offsite Sterilization Service Market Size
Table 2020-2030 Gulf Cooperation Council Countries Offsite Sterilization Service Market Size
Table 2020-2030 Turkey Offsite Sterilization Service Market Size
Table 2020-2025 Global Offsite Sterilization Service Market Size by Region
Table 2020-2025 Global Offsite Sterilization Service Market Size Share by Region
Table 2020-2025 Global Offsite Sterilization Service Market Size by Application
Table 2020-2025 Global Offsite Sterilization Service Market Share by Application
Table 2020-2025 Global Offsite Sterilization Service Key Vendors Revenue
Figure 2020-2025 Global Offsite Sterilization Service Market Size and Growth Rate
Table 2020-2025 Global Offsite Sterilization Service Key Vendors Market Share
Table 2020-2025 Global Offsite Sterilization Service Market Size by Type
Table 2020-2025 Global Offsite Sterilization Service Market Share by Type

Table 2025-2030 Global Offsite Sterilization Service Market Size by Region  
Table 2025-2030 Global Offsite Sterilization Service Market Size Share by Region  
Table 2025-2030 Global Offsite Sterilization Service Market Size by Application  
Table 2025-2030 Global Offsite Sterilization Service Market Share by Application  
Table 2025-2030 Global Offsite Sterilization Service Key Vendors Revenue  
Figure 2025-2030 Global Offsite Sterilization Service Market Size and Growth Rate  
Table 2025-2030 Global Offsite Sterilization Service Key Vendors Market Share  
Table 2025-2030 Global Offsite Sterilization Service Market Size by Type  
Table 2025-2030 Offsite Sterilization Service Global Market Share by Type

## I would like to order

Product name: Offsite Sterilization Service Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

Product link: <https://marketpublishers.com/r/OE2E4AA791BAEN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/OE2E4AA791BAEN.html>