

Sterilization Services Market Report by Method (Ethylene Oxide Sterilization, Gamma Sterilization, Steam Sterilization, Electron Beam Radiation Sterilization, and Others), Type (Contract Sterilization Services, Sterilization Validation Services), Mode of Delivery (Off-Site Sterilization Services, On-Site Sterilization Services), End User (Hospitals and Clinics, Medical Device Companies, Pharmaceutical and Biotechnology Companies, and Others), and Region 2024-2032

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Abstracts

The global sterilization services market size reached US\$ 3.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 6.1 Billion by 2032, exhibiting a growth rate (CAGR) of 5.4% during 2024-2032.

Sterilization refers to the process of eliminating and reducing all forms of microorganisms present in the environment. It consists of various procedures, including heat, chemicals, irradiation, high pressure and filtration that kill spores, microbes, and viruses. Gamma, electron beam radiation and ethylene oxide (ETO) are some of the commonly used sterilization methods. Sterilization services are widely used to kill all forms of bacteria and fungi, thereby ensuring a clean environment, which, in turn prevents the transmission of germs and other diseases. As a result, they are widely used in the healthcare and pharmaceutical industries.

Sterilization Services Market Trends:

Significant expansion in the healthcare industry across the globe is creating a positive outlook for the market. The rising instances of hospital-acquired infections and the rising number of surgical procedures requiring high-intensity infection prevention and control is favoring the market growth. Moreover, the sudden outbreak of the coronavirus disease (COVID-19) is positively impacting the market growth as there has been an increase in concerns toward virus transmission, which has enabled individuals to practice routine and improved hygiene and preventive measures. Besides this, sterilization services are being widely adopted in medical equipment, such as reusable hemodialysis machines, respiratory care devices and surgical instruments, to prevent pathogen transfer, which is contributing to the market growth. Additionally, various product innovations, such as low-temperature sterilization systems that offer expanded instrument capability, shorter cycles, improved materials compatibility and eco-friendly properties, is providing an impetus to the market growth. Other factors, including the increasing geriatric population that is more prone to chronic diseases and the implementation of various government initiatives to ensure a high degree of infection prevention, are anticipated to drive the market toward growth further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global sterilization services market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on method, type, mode of delivery and end user.

Breakup by Method:

- Ethylene Oxide Sterilization
- Gamma Sterilization
- Steam Sterilization
- Electron Beam Radiation Sterilization
- Others

Breakup by Type:

- Contract Sterilization Services
- Sterilization Validation Services

Breakup by Mode of Delivery:

- Off-Site Sterilization Services

On-Site Sterilization Services

Breakup by End User:

- Hospitals and Clinics
- Medical Device Companies
- Pharmaceutical and Biotechnology Companies
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia
 - Indonesia
 - Others
- Europe
 - Germany
 - France
 - United Kingdom
 - Italy
 - Spain
 - Russia
 - Others
- Latin America
 - Brazil
 - Mexico
 - Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being B. Braun Medical Ltd, Belimed AG (Metall Zug AG),

BGS Beta-Gamma-Service GmbH & Co. KG, E-BEAM Services Inc, Fortive Corporation, Medistri SA, MMM Group, Noxilizer Inc., Sotera Health Company, Steris Corporation and Stryker Corporation.

Key Questions Answered in This Report

1. What was the size of the global sterilization services market in 2023?
2. What is the expected growth rate of the global sterilization services market during 2024-2032?
3. What are the key factors driving the global sterilization services market?
4. What has been the impact of COVID-19 on the global sterilization services market?
5. What is the breakup of the global sterilization services market based on the method?
6. What is the breakup of the global sterilization services market based on the type?
7. What is the breakup of the global sterilization services market based on the mode of delivery?
8. What is the breakup of the global sterilization services market based on the end user?
9. What are the key regions in the global sterilization services market?
10. Who are the key players/companies in the global sterilization services market?

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