

Irradiation Sterilization Services Market Size, Trends, Analysis, and Outlook By Product (Gamma Irradiation, X-ray Irradiation, E-beam Irradiation), By Application (Medical Instruments, Drug, Food & Laboratory, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/IAB6DD97F01DEN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: IAB6DD97F01DEN

Abstracts

The global Irradiation Sterilization Services market size is poised to register 10.4% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Irradiation Sterilization Services market across By Product (Gamma Irradiation, X-ray Irradiation, E-beam Irradiation), By Application (Medical Instruments, Drug, Food & Laboratory, Others).

The irradiation sterilization services market is experiencing steady growth, driven by increasing demand for validated sterilization methods, expanding applications in healthcare and life sciences, and advancements in irradiation technology and quality assurance protocols. Irradiation sterilization services, also known as radiation processing or gamma irradiation services, involve the exposure of products to ionizing radiation such as gamma rays or electron beams to kill or inactivate microorganisms, pathogens, and contaminants on medical devices, pharmaceutical products, consumer goods, and industrial materials. With a growing emphasis on product safety, supply chain integrity, and regulatory compliance, medical device manufacturers, pharmaceutical companies, and packaging suppliers are outsourcing sterilization processes to specialized irradiation facilities to ensure product sterility, maintain product efficacy, and meet regulatory requirements. Moreover, advancements in irradiation dosimetry, process validation, and quality control are driving market expansion, offering new opportunities to improve sterilization efficiency, dose uniformity, and irradiation

dose traceability for a wide range of products and materials. Additionally, collaborations between irradiation service providers, regulatory agencies, and industry consortia are driving innovation in irradiation sterilization, fostering the development of best practices, industry standards, and technological innovations to address evolving customer needs and regulatory expectations in sterilization and contamination control.

Irradiation Sterilization Services Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Irradiation Sterilization Services market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Irradiation Sterilization Services survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Irradiation Sterilization Services industry.

Key market trends defining the global Irradiation Sterilization Services demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Irradiation Sterilization Services Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Irradiation Sterilization Services industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Irradiation Sterilization Services companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Irradiation Sterilization Services industry

Leading Irradiation Sterilization Services companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Irradiation Sterilization Services companies.

Irradiation Sterilization Services Market Study- Strategic Analysis Review

The Irradiation Sterilization Services market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Irradiation Sterilization Services Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Irradiation Sterilization Services industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Irradiation Sterilization Services Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market

size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Irradiation Sterilization Services Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Irradiation Sterilization Services market segments. Similarly, Strong end-user demand is encouraging Canadian Irradiation Sterilization Services companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Irradiation Sterilization Services market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Irradiation Sterilization Services Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Irradiation Sterilization Services industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Irradiation Sterilization Services market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Irradiation Sterilization Services Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Irradiation Sterilization Services in Asia Pacific. In particular, China, India, and South East Asian Irradiation Sterilization Services markets present a compelling outlook for 2030, acting as a

magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Irradiation Sterilization Services Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Irradiation Sterilization Services Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Irradiation Sterilization Services market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Irradiation Sterilization Services.

Irradiation Sterilization Services Market Company Profiles

The global Irradiation Sterilization Services market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Beta-Gamma-Service, China Biotech Corp, E-BEAM Services, Ionisos, Röchling Group, Scapa Healthcare, Sterigenics, STERIS, SteriTek, Swann-Morton, Taisei Kako

Recent Irradiation Sterilization Services Market Developments

The global Irradiation Sterilization Services market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Irradiation Sterilization Services Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Gamma Irradiation

X-ray Irradiation

E-beam Irradiation

By Application

Medical Instruments

Drug

Food & Laboratory

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Beta-Gamma-Service

China Biotech Corp

E-BEAM Services

Ionisos

R?chling Group

Scapa Healthcare

Sterigenics

STERIS

SteriTek

Swann-Morton

Taisei Kako

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Irradiation Sterilization Services Market Overview and Key Findings, 2024
- 1.2 Irradiation Sterilization Services Market Size and Growth Outlook, 2021- 2030
- 1.3 Irradiation Sterilization Services Market Growth Opportunities to 2030
- 1.4 Key Irradiation Sterilization Services Market Trends and Challenges
 - 1.4.1 Irradiation Sterilization Services Market Drivers and Trends
 - 1.4.2 Irradiation Sterilization Services Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Irradiation Sterilization Services Companies

2. IRRADIATION STERILIZATION SERVICES MARKET SIZE OUTLOOK TO 2030

- 2.1 Irradiation Sterilization Services Market Size Outlook, USD Million, 2021- 2030
- 2.2 Irradiation Sterilization Services Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. IRRADIATION STERILIZATION SERVICES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. IRRADIATION STERILIZATION SERVICES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Product
 - Gamma Irradiation

X-ray Irradiation

E-beam Irradiation

By Application

Medical Instruments

Drug

Food & Laboratory

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Irradiation Sterilization Services Market, 2025

5.2 Asia Pacific Irradiation Sterilization Services Market Size Outlook by Type, 2021-2030

5.3 Asia Pacific Irradiation Sterilization Services Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Irradiation Sterilization Services Market, 2025

5.5 Europe Irradiation Sterilization Services Market Size Outlook by Type, 2021- 2030

5.6 Europe Irradiation Sterilization Services Market Size Outlook by Application, 2021-2030

5.7 Key Findings for North America Irradiation Sterilization Services Market, 2025

5.8 North America Irradiation Sterilization Services Market Size Outlook by Type, 2021-2030

5.9 North America Irradiation Sterilization Services Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Irradiation Sterilization Services Market, 2025

5.11 South America Pacific Irradiation Sterilization Services Market Size Outlook by Type, 2021- 2030

5.12 South America Irradiation Sterilization Services Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Irradiation Sterilization Services Market, 2025

5.14 Middle East Africa Irradiation Sterilization Services Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Irradiation Sterilization Services Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Irradiation Sterilization Services Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts

- 6.36 Argentina Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Irradiation Sterilization Services Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Irradiation Sterilization Services Industry Drivers and Opportunities

7. IRRADIATION STERILIZATION SERVICES MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. IRRADIATION STERILIZATION SERVICES COMPANY PROFILES

- 8.1 Profiles of Leading Irradiation Sterilization Services Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics
- Beta-Gamma-Service
- China Biotech Corp
- E-BEAM Services
- Ionisos
- R?chling Group
- Scapa Healthcare
- Sterigenics
- STERIS
- SteriTek
- Swann-Morton
- Taisei Kako

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions

9.5 Contact Information

I would like to order

Product name: Irradiation Sterilization Services Market Size, Trends, Analysis, and Outlook By Product (Gamma Irradiation, X-ray Irradiation, E-beam Irradiation), By Application (Medical Instruments, Drug, Food & Laboratory, Others), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/IAB6DD97F01DEN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IAB6DD97F01DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970