

Global Food Irradiation Machine Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GA0B200821F8EN.html>

Date: February 2026

Pages: 142

Price: US\$ 2,980.00 (Single User License)

ID: GA0B200821F8EN

Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Food Irradiation Machine competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. Food irradiation machines?based on gamma irradiation, electron beam or X-ray technologies?are industrial systems used to sterilize, decontaminate or extend the shelf life of food products by eliminating pathogens, insects and spoilage organisms. In 2024, the global average system price is approximately US\$1.65 million, with worldwide installations reaching about 720 units, resulting in a market size of nearly US\$1.19 billion. Gross margins typically range from 22%-35%, influenced by radiation source cost, shielding structure, accelerator design, facility engineering and safety compliance. The supply chain includes upstream cobalt-60 isotopes, high-energy electron accelerators, shielding materials, radiation chambers and control systems; midstream companies design, assemble and certify irradiation facilities; downstream users include food processors, cold-chain providers, export inspection stations, spice producers and agricultural treatment centers. The food irradiation equipment market is expanding as governments tighten food-safety standards and exporters adopt irradiation for phytosanitary compliance. Electron-beam and X-ray systems are gaining market share due to flexible installation and the declining use of cobalt-60. Demand is particularly strong in cold-chain processing, spices, ready-to-eat foods and fresh produce exports. Through 2031, growth will be driven by automation, safety upgrades and the shift toward non-isotope irradiation technologies.

The global Food Irradiation Machine market size was estimated at USD 1188.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 9.60% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Food Irradiation Machine market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Food Irradiation Machine market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Food Irradiation Machine market.

Global Food Irradiation Machine Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Rayfresh Foods

Nordion
Mevex
Gamma Pak
Titan Corporation
STERIS AST
ANSTO
China Biotech Corporation
Bioster
Sterigenics / Sotera Health
W?lischmiller Engineering

Market Segmentation (by Type)

Electron Beam Radiation
Gamma Radiation
X-Ray Radiation

Market Segmentation (by Application)

Room Temperature Food
Frozen Food

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value

In-depth analysis of the Food Irradiation Machine Market

Overview of the regional outlook of the Food Irradiation Machine Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Food Irradiation Machine Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential

of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Food Irradiation Machine, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change
This enables you to anticipate market changes to remain ahead of your competitors
You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and

restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Food Irradiation Machine

1.2 Key Market Segments

1.2.1 Food Irradiation Machine Segment by Type

1.2.2 Food Irradiation Machine Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 FOOD IRRADIATION MACHINE MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Food Irradiation Machine Market Size (M USD) Estimates and Forecasts (2020-2035)

2.1.2 Global Food Irradiation Machine Sales Estimates and Forecasts (2020-2035)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 FOOD IRRADIATION MACHINE MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Food Irradiation Machine Product Life Cycle

3.3 Global Food Irradiation Machine Sales by Manufacturers (2020-2025)

3.4 Global Food Irradiation Machine Revenue Market Share by Manufacturers (2020-2025)

3.5 Food Irradiation Machine Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Food Irradiation Machine Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Food Irradiation Machine Market Competitive Situation and Trends

3.8.1 Food Irradiation Machine Market Concentration Rate

3.8.2 Global 5 and 10 Largest Food Irradiation Machine Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 FOOD IRRADIATION MACHINE INDUSTRY CHAIN ANALYSIS

4.1 Food Irradiation Machine Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF FOOD IRRADIATION MACHINE MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Food Irradiation Machine Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Food Irradiation Machine Market

5.7 ESG Ratings of Leading Companies

6 FOOD IRRADIATION MACHINE MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Food Irradiation Machine Sales Market Share by Type (2020-2025)

6.3 Global Food Irradiation Machine Market Size by Type (2020-2025)

6.4 Global Food Irradiation Machine Price by Type (2020-2025)

7 FOOD IRRADIATION MACHINE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Food Irradiation Machine Market Sales by Application (2020-2025)
- 7.3 Global Food Irradiation Machine Market Size (M USD) by Application (2020-2025)
- 7.4 Global Food Irradiation Machine Sales Growth Rate by Application (2020-2025)

8 FOOD IRRADIATION MACHINE MARKET SALES BY REGION

- 8.1 Global Food Irradiation Machine Sales by Region
 - 8.1.1 Global Food Irradiation Machine Sales by Region
 - 8.1.2 Global Food Irradiation Machine Sales Market Share by Region
- 8.2 Global Food Irradiation Machine Market Size by Region
 - 8.2.1 Global Food Irradiation Machine Market Size by Region
 - 8.2.2 Global Food Irradiation Machine Market Size by Region
- 8.3 North America
 - 8.3.1 North America Food Irradiation Machine Sales by Country
 - 8.3.2 North America Food Irradiation Machine Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Food Irradiation Machine Sales by Country
 - 8.4.2 Europe Food Irradiation Machine Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Food Irradiation Machine Sales by Region
 - 8.5.2 Asia Pacific Food Irradiation Machine Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Food Irradiation Machine Sales by Country
 - 8.6.2 South America Food Irradiation Machine Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Food Irradiation Machine Sales by Region

8.7.2 Middle East and Africa Food Irradiation Machine Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 FOOD IRRADIATION MACHINE MARKET PRODUCTION BY REGION

9.1 Global Production of Food Irradiation Machine by Region(2020-2025)

9.2 Global Food Irradiation Machine Revenue Market Share by Region (2020-2025)

9.3 Global Food Irradiation Machine Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Food Irradiation Machine Production

9.4.1 North America Food Irradiation Machine Production Growth Rate (2020-2025)

9.4.2 North America Food Irradiation Machine Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Food Irradiation Machine Production

9.5.1 Europe Food Irradiation Machine Production Growth Rate (2020-2025)

9.5.2 Europe Food Irradiation Machine Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Food Irradiation Machine Production (2020-2025)

9.6.1 Japan Food Irradiation Machine Production Growth Rate (2020-2025)

9.6.2 Japan Food Irradiation Machine Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Food Irradiation Machine Production (2020-2025)

9.7.1 China Food Irradiation Machine Production Growth Rate (2020-2025)

9.7.2 China Food Irradiation Machine Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Rayfresh Foods

10.1.1 Rayfresh Foods Basic Information

- 10.1.2 Rayfresh Foods Food Irradiation Machine Product Overview
- 10.1.3 Rayfresh Foods Food Irradiation Machine Product Market Performance
- 10.1.4 Rayfresh Foods Business Overview
- 10.1.5 Rayfresh Foods SWOT Analysis
- 10.1.6 Rayfresh Foods Recent Developments
- 10.2 Nordion
 - 10.2.1 Nordion Basic Information
 - 10.2.2 Nordion Food Irradiation Machine Product Overview
 - 10.2.3 Nordion Food Irradiation Machine Product Market Performance
 - 10.2.4 Nordion Business Overview
 - 10.2.5 Nordion SWOT Analysis
 - 10.2.6 Nordion Recent Developments
- 10.3 Mevex
 - 10.3.1 Mevex Basic Information
 - 10.3.2 Mevex Food Irradiation Machine Product Overview
 - 10.3.3 Mevex Food Irradiation Machine Product Market Performance
 - 10.3.4 Mevex Business Overview
 - 10.3.5 Mevex SWOT Analysis
 - 10.3.6 Mevex Recent Developments
- 10.4 Gamma Pak
 - 10.4.1 Gamma Pak Basic Information
 - 10.4.2 Gamma Pak Food Irradiation Machine Product Overview
 - 10.4.3 Gamma Pak Food Irradiation Machine Product Market Performance
 - 10.4.4 Gamma Pak Business Overview
 - 10.4.5 Gamma Pak Recent Developments
- 10.5 Titan Corporation
 - 10.5.1 Titan Corporation Basic Information
 - 10.5.2 Titan Corporation Food Irradiation Machine Product Overview
 - 10.5.3 Titan Corporation Food Irradiation Machine Product Market Performance
 - 10.5.4 Titan Corporation Business Overview
 - 10.5.5 Titan Corporation Recent Developments
- 10.6 STERIS AST
 - 10.6.1 STERIS AST Basic Information
 - 10.6.2 STERIS AST Food Irradiation Machine Product Overview
 - 10.6.3 STERIS AST Food Irradiation Machine Product Market Performance
 - 10.6.4 STERIS AST Business Overview
 - 10.6.5 STERIS AST Recent Developments
- 10.7 ANSTO
 - 10.7.1 ANSTO Basic Information

- 10.7.2 ANSTO Food Irradiation Machine Product Overview
- 10.7.3 ANSTO Food Irradiation Machine Product Market Performance
- 10.7.4 ANSTO Business Overview
- 10.7.5 ANSTO Recent Developments
- 10.8 China Biotech Corporation
 - 10.8.1 China Biotech Corporation Basic Information
 - 10.8.2 China Biotech Corporation Food Irradiation Machine Product Overview
 - 10.8.3 China Biotech Corporation Food Irradiation Machine Product Market Performance
 - 10.8.4 China Biotech Corporation Business Overview
 - 10.8.5 China Biotech Corporation Recent Developments
- 10.9 Bioster
 - 10.9.1 Bioster Basic Information
 - 10.9.2 Bioster Food Irradiation Machine Product Overview
 - 10.9.3 Bioster Food Irradiation Machine Product Market Performance
 - 10.9.4 Bioster Business Overview
 - 10.9.5 Bioster Recent Developments
- 10.10 Sterigenics / Sotera Health
 - 10.10.1 Sterigenics / Sotera Health Basic Information
 - 10.10.2 Sterigenics / Sotera Health Food Irradiation Machine Product Overview
 - 10.10.3 Sterigenics / Sotera Health Food Irradiation Machine Product Market Performance
 - 10.10.4 Sterigenics / Sotera Health Business Overview
 - 10.10.5 Sterigenics / Sotera Health Recent Developments
- 10.11 W?lischmiller Engineering
 - 10.11.1 W?lischmiller Engineering Basic Information
 - 10.11.2 W?lischmiller Engineering Food Irradiation Machine Product Overview
 - 10.11.3 W?lischmiller Engineering Food Irradiation Machine Product Market Performance
 - 10.11.4 W?lischmiller Engineering Business Overview
 - 10.11.5 W?lischmiller Engineering Recent Developments

11 FOOD IRRADIATION MACHINE MARKET FORECAST BY REGION

- 11.1 Global Food Irradiation Machine Market Size Forecast
- 11.2 Global Food Irradiation Machine Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Food Irradiation Machine Market Size Forecast by Country
 - 11.2.3 Asia Pacific Food Irradiation Machine Market Size Forecast by Region

- 11.2.4 South America Food Irradiation Machine Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of Food Irradiation Machine by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

- 12.1 Global Food Irradiation Machine Market Forecast by Type (2026-2035)
 - 12.1.1 Global Forecasted Sales of Food Irradiation Machine by Type (2026-2035)
 - 12.1.2 Global Food Irradiation Machine Market Size Forecast by Type (2026-2035)
 - 12.1.3 Global Forecasted Price of Food Irradiation Machine by Type (2026-2035)
- 12.2 Global Food Irradiation Machine Market Forecast by Application (2026-2035)
 - 12.2.1 Global Food Irradiation Machine Sales (K Units) Forecast by Application
 - 12.2.2 Global Food Irradiation Machine Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type
Table 2. Introduction of the Application
Table 3. Global Food Irradiation Machine Market Size by Type (M USD)
Table 4. Global Food Irradiation Machine Market Size by Application
Table 5. Food Irradiation Machine Market Size Comparison by Region (M USD)
Table 6. Global Food Irradiation Machine Sales (K Units) by Manufacturers (2020-2025)
Table 7. Global Food Irradiation Machine Sales Market Share by Manufacturers (2020-2025)
Table 8. Global Food Irradiation Machine Revenue (M USD) by Manufacturers (2020-2025)
Table 9. Global Food Irradiation Machine Revenue Share by Manufacturers (2020-2025)
Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Food Irradiation Machine as of 2025)
Table 11. Global Market Food Irradiation Machine Average Price (USD/Unit) of Key Manufacturers (2020-2025)
Table 12. Manufacturers? Manufacturing Sites, Areas Served
Table 13. Manufacturers? Product Type
Table 14. Global Food Irradiation Machine Manufacturers Market Concentration Ratio (CR5 and HHI)
Table 15. Mergers & Acquisitions, Expansion Plans
Table 16. Market Overview of Key Raw Materials
Table 17. Midstream Market Analysis
Table 18. Downstream Customer Analysis
Table 19. Key Development Trends
Table 20. Driving Factors
Table 21. Food Irradiation Machine Market Challenges
Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
Table 26. Global Food Irradiation Machine Sales by Type (K Units)
Table 27. Global Food Irradiation Machine Market Size by Type (M USD)
Table 28. Global Food Irradiation Machine Sales (K Units) by Type (2020-2025)

Table 29. Global Food Irradiation Machine Sales Market Share by Type (2020-2025)
Table 30. Global Food Irradiation Machine Market Size (M USD) by Type (2020-2025)
Table 31. Global Food Irradiation Machine Market Share by Type (2020-2025)
Table 32. Global Food Irradiation Machine Price (USD/Unit) by Type (2020-2025)
Table 33. Global Food Irradiation Machine Sales (K Units) by Application
Table 34. Global Food Irradiation Machine Market Size by Application
Table 35. Global Food Irradiation Machine Sales by Application (2020-2025) & (K Units)
Table 36. Global Food Irradiation Machine Sales Market Share by Application (2020-2025)
Table 37. Global Food Irradiation Machine Market Size by Application (2020-2025) & (M USD)
Table 38. Global Food Irradiation Machine Market Share by Application (2020-2025)
Table 39. Global Food Irradiation Machine Sales Growth Rate by Application (2020-2025)
Table 40. Global Food Irradiation Machine Sales by Region (2020-2025) & (K Units)
Table 41. Global Food Irradiation Machine Sales Market Share by Region (2020-2025)
Table 42. Global Food Irradiation Machine Market Size by Region (2020-2025) & (M USD)
Table 43. Global Food Irradiation Machine Market Size by Region (2020-2025)
Table 44. North America Food Irradiation Machine Sales by Country (2020-2025) & (K Units)
Table 45. North America Food Irradiation Machine Market Size by Country (2020-2025) & (M USD)
Table 46. Europe Food Irradiation Machine Sales by Country (2020-2025) & (K Units)
Table 47. Europe Food Irradiation Machine Market Size by Country (2020-2025) & (M USD)
Table 48. Asia Pacific Food Irradiation Machine Sales by Region (2020-2025) & (K Units)
Table 49. Asia Pacific Food Irradiation Machine Market Size by Region (2020-2025) & (M USD)
Table 50. South America Food Irradiation Machine Sales by Country (2020-2025) & (K Units)
Table 51. South America Food Irradiation Machine Market Size by Country (2020-2025) & (M USD)
Table 52. Middle East and Africa Food Irradiation Machine Sales by Region (2020-2025) & (K Units)
Table 53. Middle East and Africa Food Irradiation Machine Market Size by Region (2020-2025) & (M USD)
Table 54. Global Food Irradiation Machine Production (K Units) by Region(2020-2025)

Table 55. Global Food Irradiation Machine Revenue (US\$ Million) by Region (2020-2025)
Table 56. Global Food Irradiation Machine Revenue Market Share by Region (2020-2025)
Table 57. Global Food Irradiation Machine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 58. North America Food Irradiation Machine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 59. Europe Food Irradiation Machine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 60. Japan Food Irradiation Machine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 61. China Food Irradiation Machine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 62. Rayfresh Foods Basic Information
Table 63. Rayfresh Foods Food Irradiation Machine Product Overview
Table 64. Rayfresh Foods Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 65. Rayfresh Foods Business Overview
Table 66. Rayfresh Foods SWOT Analysis
Table 67. Rayfresh Foods Recent Developments
Table 68. Nordion Basic Information
Table 69. Nordion Food Irradiation Machine Product Overview
Table 70. Nordion Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 71. Nordion Business Overview
Table 72. Nordion SWOT Analysis
Table 73. Nordion Recent Developments
Table 74. Mevex Basic Information
Table 75. Mevex Food Irradiation Machine Product Overview
Table 76. Mevex Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 77. Mevex Business Overview
Table 78. Mevex SWOT Analysis
Table 79. Mevex Recent Developments
Table 80. Gamma Pak Basic Information
Table 81. Gamma Pak Food Irradiation Machine Product Overview
Table 82. Gamma Pak Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Gamma Pak Business Overview
Table 84. Gamma Pak Recent Developments
Table 85. Titan Corporation Basic Information
Table 86. Titan Corporation Food Irradiation Machine Product Overview
Table 87. Titan Corporation Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 88. Titan Corporation Business Overview
Table 89. Titan Corporation Recent Developments
Table 90. STERIS AST Basic Information
Table 91. STERIS AST Food Irradiation Machine Product Overview
Table 92. STERIS AST Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 93. STERIS AST Business Overview
Table 94. STERIS AST Recent Developments
Table 95. ANSTO Basic Information
Table 96. ANSTO Food Irradiation Machine Product Overview
Table 97. ANSTO Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 98. ANSTO Business Overview
Table 99. ANSTO Recent Developments
Table 100. China Biotech Corporation Basic Information
Table 101. China Biotech Corporation Food Irradiation Machine Product Overview
Table 102. China Biotech Corporation Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 103. China Biotech Corporation Business Overview
Table 104. China Biotech Corporation Recent Developments
Table 105. Bioster Basic Information
Table 106. Bioster Food Irradiation Machine Product Overview
Table 107. Bioster Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 108. Bioster Business Overview
Table 109. Bioster Recent Developments
Table 110. Sterigenics / Sotera Health Basic Information
Table 111. Sterigenics / Sotera Health Food Irradiation Machine Product Overview
Table 112. Sterigenics / Sotera Health Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 113. Sterigenics / Sotera Health Business Overview
Table 114. Sterigenics / Sotera Health Recent Developments
Table 115. W?lischmiller Engineering Basic Information

Table 116. W?lischmiller Engineering Food Irradiation Machine Product Overview

Table 117. W?lischmiller Engineering Food Irradiation Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. W?lischmiller Engineering Business Overview

Table 119. W?lischmiller Engineering Recent Developments

Table 120. Global Food Irradiation Machine Sales Forecast by Region (2026-2035) & (K Units)

Table 121. Global Food Irradiation Machine Market Size Forecast by Region (2026-2035) & (M USD)

Table 122. North America Food Irradiation Machine Sales Forecast by Country (2026-2035) & (K Units)

Table 123. North America Food Irradiation Machine Market Size Forecast by Country (2026-2035) & (M USD)

Table 124. Europe Food Irradiation Machine Sales Forecast by Country (2026-2035) & (K Units)

Table 125. Europe Food Irradiation Machine Market Size Forecast by Country (2026-2035) & (M USD)

Table 126. Asia Pacific Food Irradiation Machine Sales Forecast by Region (2026-2035) & (K Units)

Table 127. Asia Pacific Food Irradiation Machine Market Size Forecast by Region (2026-2035) & (M USD)

Table 128. South America Food Irradiation Machine Sales Forecast by Country (2026-2035) & (K Units)

Table 129. South America Food Irradiation Machine Market Size Forecast by Country (2026-2035) & (M USD)

Table 130. Middle East and Africa Food Irradiation Machine Sales Forecast by Country (2026-2035) & (Units)

Table 131. Middle East and Africa Food Irradiation Machine Market Size Forecast by Country (2026-2035) & (M USD)

Table 132. Global Food Irradiation Machine Sales Forecast by Type (2026-2035) & (K Units)

Table 133. Global Food Irradiation Machine Market Size Forecast by Type (2026-2035) & (M USD)

Table 134. Global Food Irradiation Machine Price Forecast by Type (2026-2035) & (USD/Unit)

Table 135. Global Food Irradiation Machine Sales (K Units) Forecast by Application (2026-2035)

Table 136. Global Food Irradiation Machine Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Food Irradiation Machine
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Food Irradiation Machine Market Size (M USD), 2025-2035
- Figure 5. Global Food Irradiation Machine Market Size (M USD) (2020-2035)
- Figure 6. Global Food Irradiation Machine Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Food Irradiation Machine Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Food Irradiation Machine Product Life Cycle
- Figure 13. Food Irradiation Machine Sales Share by Manufacturers in 2025
- Figure 14. Global Food Irradiation Machine Revenue Share by Manufacturers in 2025
- Figure 15. Food Irradiation Machine Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Food Irradiation Machine Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Food Irradiation Machine Revenue in 2025
- Figure 18. Industry Chain Map of Food Irradiation Machine
- Figure 19. Global Food Irradiation Machine Market PEST Analysis
- Figure 20. Global Food Irradiation Machine Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Food Irradiation Machine Market Share by Type
- Figure 27. Sales Market Share of Food Irradiation Machine by Type (2020-2025)
- Figure 28. Sales Market Share of Food Irradiation Machine by Type in 2025
- Figure 29. Market Share of Food Irradiation Machine by Type (2020-2025)
- Figure 30. Market Share of Food Irradiation Machine by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Food Irradiation Machine Market Share by Application

Figure 33. Global Food Irradiation Machine Sales Market Share by Application (2020-2025)

Figure 34. Global Food Irradiation Machine Sales Market Share by Application in 2025

Figure 35. Global Food Irradiation Machine Market Share by Application (2020-2025)

Figure 36. Global Food Irradiation Machine Market Share by Application in 2025

Figure 37. Global Food Irradiation Machine Sales Growth Rate by Application (2020-2025)

Figure 38. Global Food Irradiation Machine Sales Market Share by Region (2020-2025)

Figure 39. Global Food Irradiation Machine Market Size by Region (2020-2025)

Figure 40. North America Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Food Irradiation Machine Sales Market Share by Country in 2024

Figure 43. North America Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Food Irradiation Machine Market Size by Country in 2024

Figure 45. U.S. Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Food Irradiation Machine Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Food Irradiation Machine Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Food Irradiation Machine Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Food Irradiation Machine Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Food Irradiation Machine Sales Market Share by Country in 2024

Figure 53. Europe Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Food Irradiation Machine Market Size by Country in 2024

Figure 55. Germany Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Food Irradiation Machine Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Food Irradiation Machine Sales Market Share by Region in 2024

Figure 67. Asia Pacific Food Irradiation Machine Market Size by Region in 2024

Figure 68. China Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Food Irradiation Machine Sales and Growth Rate (K Units)

Figure 79. South America Food Irradiation Machine Sales Market Share by Country in 2024

Figure 80. South America Food Irradiation Machine Market Size and Growth Rate (M USD)

Figure 81. South America Food Irradiation Machine Market Size by Country in 2024

Figure 82. Brazil Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Food Irradiation Machine Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Food Irradiation Machine Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Food Irradiation Machine Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Food Irradiation Machine Market Size by Region in 2024

Figure 92. Saudi Arabia Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K

Units)

Figure 99. Nigeria Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Food Irradiation Machine Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Food Irradiation Machine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Food Irradiation Machine Production Market Share by Region (2020-2025)

Figure 103. North America Food Irradiation Machine Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Food Irradiation Machine Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Food Irradiation Machine Production (K Units) Growth Rate (2020-2025)

Figure 106. China Food Irradiation Machine Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Food Irradiation Machine Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Food Irradiation Machine Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Food Irradiation Machine Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Food Irradiation Machine Market Share Forecast by Type (2026-2035)

Figure 111. Global Food Irradiation Machine Sales Forecast by Application (2026-2035)

Figure 112. Global Food Irradiation Machine Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Food Irradiation Machine Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/GA0B200821F8EN.html>

Price: US\$ 2,980.00 (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/GA0B200821F8EN.html>