

Global X-Ray Generator Market Size study & Forecast, by Type (Analog X-ray Systems, Digital X-ray Systems), by Application (General Radiography, Chest Imaging, Orthopedic imaging, Cardiovascular Imaging, Dental Imaging, Mammography, Cancer imaging, Fluoroscopy, Others), by Technology (Direct Radiography, Computed Radiography), by End User (Hospitals, Diagnostic Centers, Dental Care Centers) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GBF568517AA2EN.html>

Date: July 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GBF568517AA2EN

Abstracts

Global X-Ray Generator Market is valued at approximately USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xxx over the forecast period 2023-2030. X-Ray Generator is a device that utilizes a transformer to generate high voltage by converting low voltage, alternating current from a power source. This high voltage is then applied between the anode and the cathode. X-ray generators find applications in various fields, including medicine, electronic assembly inspection, X-ray fluorescence, and manufacturing processes for determining material thickness. The changing lifestyle of people has resulted in an increased prevalence of chronic diseases, creating a high demand for efficient diagnostic tools. This, in turn, drives the growth of the X-ray generator market. Additionally, the growing geriatric population, which is highly affected by chronic diseases, further fuels the demand for X-ray generators. The application of X-ray generators in these sectors addresses this demand, contributing to significant market growth potential.

Moreover, the rising demand for Diagnostic Imaging Devices has a direct impact on the growth of the X-ray Generator Market. Diagnostic Imaging Devices, such as X-ray

machines, CT scanners, and mammography systems, rely on X-ray generators to produce the necessary radiation for medical imaging. As the demand for these imaging devices increases, so does the need for X-ray generators to power them. According to Statista, in 2020, the diagnostic imaging devices market was valued USD 39.69 billion, in 2022 the market reached USD 43.84 billion and it is anticipated to reach USD 50.78 billion by 2025. Additionally, the rise in demand for stringent security scanning systems and increasing demand for advanced medical diagnostics provide lucrative opportunities to the market. However, Stringent regulations stifled market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global X-Ray Generator Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to a high penetration rate for new and efficient technologies. According to the National Cancer Institute in 2020, In the United States, it is estimated that approximately 1,806,590 new cases of cancer were diagnosed in 2020, resulting in 606,520 deaths from the disease. Additionally, the number of cancer survivors in the country was approximately 16.9 million. It is projected that by the year 2030, the number of cancer survivors rise to 22.2 million. Asia Pacific is expected to grow at fastest growth rate during the forecast period, owing to the expansion strategies and the high R&D investment by key players present in this region. Moreover, the availability of raw material parts at a relatively cheaper cost is anticipated to support the market growth.

Major market player included in this report are:

Gulmay Ltd.

Medical Econet GmbH

Teledyne ICM X-ray

Proximus Medical

COMET Group

GE Healthcare Inc.

Spellman High Voltage Electronics Corporation

Philips Healthcare Informatics Inc.

Communications & Power Industries Inc

Siemens Healthcare Private Limited

Recent Developments in the Market:

In March 2020, Siemens launched the ARTIS icono, a biplane angiography system. It is designed for diagnostic imaging and interventional treatment of various patients,

including obese and pediatric patients. The system features a movable display suspension system at the ceiling to showcase X-ray images, while the X-ray generator is located separately. In September 2019, the system received clearance from the US Food and Drug Administration (FDA), and its first installation took place at UW Health's University Hospital in Madison, Wisconsin, in February 2020.

Global X-Ray Generator Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, Application, Technology, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Analog X-ray Systems

Digital X-ray Systems

By Application:

General Radiography

Chest Imaging

Orthopedic imaging

Cardiovascular Imaging

Dental Imaging

Mammography

Cancer imaging

Fluoroscopy

Others

By Technology:

Direct Radiography

Computed Radiography

By End User:

Hospitals

Diagnostic Centers

Dental Care Centers

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. X-Ray Generator Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. X-Ray Generator Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. X-Ray Generator Market, by Application, 2020-2030 (USD Billion)
 - 1.2.4. X-Ray Generator Market, by Technology, 2020-2030 (USD Billion)
 - 1.2.5. X-Ray Generator Market, by End User, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL X-RAY GENERATOR MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL X-RAY GENERATOR MARKET DYNAMICS

- 3.1. X-Ray Generator Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing Medical X-ray Generator
 - 3.1.1.2. Growing Geriatric Population
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of X-Ray Generator
 - 3.1.2.2. Stringent Regulations and Validatory Guidelines
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rise in demand for stringent security scanning system
 - 3.1.3.2. Increasing demand for advanced medical diagnostics

CHAPTER 4. GLOBAL X-RAY GENERATOR MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL X-RAY GENERATOR MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global X-Ray Generator Market by Type, Performance - Potential Analysis
- 5.3. Global X-Ray Generator Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. X-Ray Generator Market, Sub Segment Analysis
 - 5.4.1. Analog X-ray Systems
 - 5.4.2. Digital X-ray Systems

CHAPTER 6. GLOBAL X-RAY GENERATOR MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global X-Ray Generator Market by Application, Performance - Potential Analysis
- 6.3. Global X-Ray Generator Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 6.4. X-Ray Generator Market, Sub Segment Analysis
 - 6.4.1. General Radiography

- 6.4.2. Chest Imaging
- 6.4.3. Orthopedic imaging
- 6.4.4. Cardiovascular Imaging
- 6.4.5. Dental Imaging
- 6.4.6. Mammography
- 6.4.7. Cancer imaging
- 6.4.8. Fluoroscopy
- 6.4.9. Others

CHAPTER 7. GLOBAL X-RAY GENERATOR MARKET, BY TECHNOLOGY

- 7.1. Market Snapshot
- 7.2. Global X-Ray Generator Market by Technology, Performance - Potential Analysis
- 7.3. Global X-Ray Generator Market Estimates & Forecasts by Technology 2020-2030 (USD Billion)
- 7.4. X-Ray Generator Market, Sub Segment Analysis
 - 7.4.1. Direct Radiography
 - 7.4.2. Computed Radiography

CHAPTER 8. GLOBAL X-RAY GENERATOR MARKET, BY END USER

- 8.1. Market Snapshot
- 8.2. Global X-Ray Generator Market by End User, Performance - Potential Analysis
- 8.3. Global X-Ray Generator Market Estimates & Forecasts by End User 2020-2030 (USD Billion)
- 8.4. X-Ray Generator Market, Sub Segment Analysis
 - 8.4.1. Hospitals
 - 8.4.2. Diagnostic Centers
 - 8.4.3. Dental Care Centers

CHAPTER 9. GLOBAL X-RAY GENERATOR MARKET, REGIONAL ANALYSIS

- 9.1. Top Leading Countries
- 9.2. Top Emerging Countries
- 9.3. X-Ray Generator Market, Regional Market Snapshot
- 9.4. North America X-Ray Generator Market
 - 9.4.1. U.S. X-Ray Generator Market
 - 9.4.1.1. Type breakdown estimates & forecasts, 2020-2030
 - 9.4.1.2. Application breakdown estimates & forecasts, 2020-2030

- 9.4.1.3. Technology breakdown estimates & forecasts, 2020-2030
- 9.4.1.4. End User breakdown estimates & forecasts, 2020-2030
- 9.4.2. Canada X-Ray Generator Market
- 9.5. Europe X-Ray Generator Market Snapshot
 - 9.5.1. U.K. X-Ray Generator Market
 - 9.5.2. Germany X-Ray Generator Market
 - 9.5.3. France X-Ray Generator Market
 - 9.5.4. Spain X-Ray Generator Market
 - 9.5.5. Italy X-Ray Generator Market
 - 9.5.6. Rest of Europe X-Ray Generator Market
- 9.6. Asia-Pacific X-Ray Generator Market Snapshot
 - 9.6.1. China X-Ray Generator Market
 - 9.6.2. India X-Ray Generator Market
 - 9.6.3. Japan X-Ray Generator Market
 - 9.6.4. Australia X-Ray Generator Market
 - 9.6.5. South Korea X-Ray Generator Market
 - 9.6.6. Rest of Asia Pacific X-Ray Generator Market
- 9.7. Latin America X-Ray Generator Market Snapshot
 - 9.7.1. Brazil X-Ray Generator Market
 - 9.7.2. Mexico X-Ray Generator Market
- 9.8. Middle East & Africa X-Ray Generator Market
 - 9.8.1. Saudi Arabia X-Ray Generator Market
 - 9.8.2. South Africa X-Ray Generator Market
 - 9.8.3. Rest of Middle East & Africa X-Ray Generator Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Gulmay Ltd.
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments

- 10.3.2. Medical Econet GmbH
- 10.3.3. Teledyne ICM X-ray
- 10.3.4. Proximus Medical
- 10.3.5. COMET Group
- 10.3.6. GE Healthcare Inc.
- 10.3.7. Spellman High Voltage Electronics Corporation
- 10.3.8. Philips Healthcare Informatics Inc.
- 10.3.9. Communications & Power Industries Inc
- 10.3.10. Siemens Healthcare Private Limited

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global X-Ray Generator Market, report scope

TABLE 2. Global X-Ray Generator Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global X-Ray Generator Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 4. Global X-Ray Generator Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 5. Global X-Ray Generator Market estimates & forecasts by Technology 2020-2030 (USD Billion)

TABLE 6. Global X-Ray Generator Market estimates & forecasts by End User 2020-2030 (USD Billion)

TABLE 7. Global X-Ray Generator Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global X-Ray Generator Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global X-Ray Generator Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global X-Ray Generator Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global X-Ray Generator Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global X-Ray Generator Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global X-Ray Generator Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global X-Ray Generator Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global X-Ray Generator Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. Global X-Ray Generator Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 18. U.S. X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. U.S. X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 21. Canada X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. Canada X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 24. UK X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. UK X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 27. Germany X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. Germany X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 30. France X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. France X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 33. Italy X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Italy X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 36. Spain X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. Spain X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 39. RoE X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. RoE X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 42. China X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. China X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 45. India X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. India X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 48. Japan X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. Japan X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 51. South Korea X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. South Korea X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 54. Australia X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. Australia X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 57. RoAPAC X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. RoAPAC X-Ray Generator Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 59. Brazil X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Brazil X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Brazil X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 63. Mexico X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Mexico X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. RoLA X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoLA X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. Saudi Arabia X-Ray Generator Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 69. South Africa X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. RoMEA X-Ray Generator Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 71. List of secondary sources, used in the study of global X-Ray Generator Market

TABLE 72. List of primary sources, used in the study of global X-Ray Generator Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global X-Ray Generator Market, research methodology
 - FIG 2. Global X-Ray Generator Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global X-Ray Generator Market, key trends 2022
 - FIG 5. Global X-Ray Generator Market, growth prospects 2023-2030
 - FIG 6. Global X-Ray Generator Market, porters 5 force model
 - FIG 7. Global X-Ray Generator Market, pest analysis
 - FIG 8. Global X-Ray Generator Market, value chain analysis
 - FIG 9. Global X-Ray Generator Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global X-Ray Generator Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global X-Ray Generator Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global X-Ray Generator Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global X-Ray Generator Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global X-Ray Generator Market, regional snapshot 2020 & 2030
 - FIG 15. North America X-Ray Generator Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe X-Ray Generator Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific X-Ray Generator Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America X-Ray Generator Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa X-Ray Generator Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global X-Ray Generator Market Size study & Forecast, by Type (Analog X-ray Systems, Digital X-ray Systems), by Application (General Radiography, Chest Imaging, Orthopedic imaging, Cardiovascular Imaging, Dental Imaging, Mammography, Cancer imaging, Fluoroscopy, Others), by Technology (Direct Radiography, Computed Radiography), by End User (Hospitals, Diagnostic Centers, Dental Care Centers) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/GBF568517AA2EN.html>

Price: US\$ 4,950.00 (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/GBF568517AA2EN.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