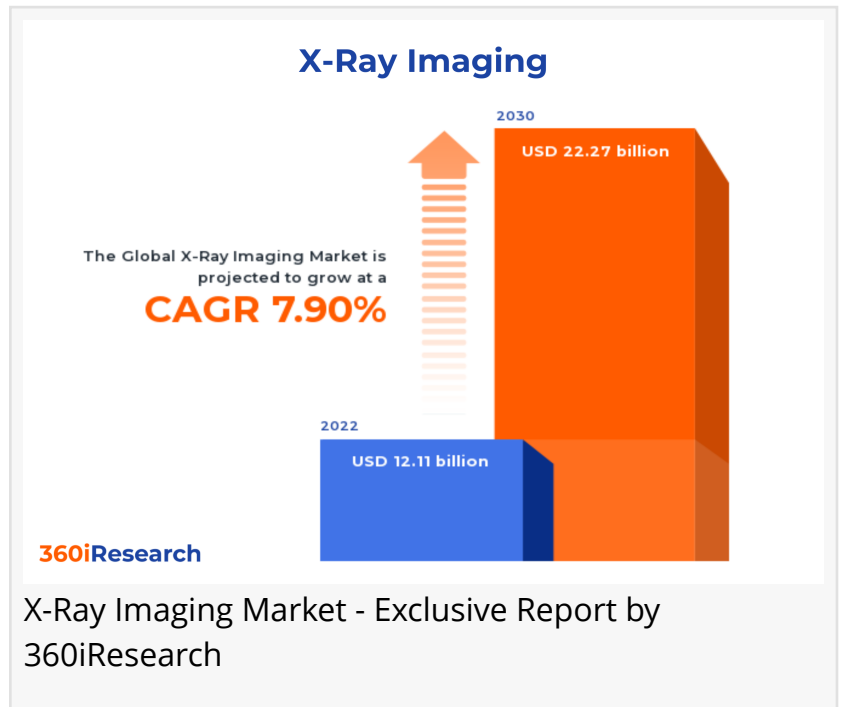


X-Ray Imaging Market worth \$22.27 billion by 2030, growing at a CAGR of 7.90% - Exclusive Report by 360iResearch

The Global X-Ray Imaging Market to grow from USD 12.11 billion in 2022 to USD 22.27 billion by 2030, at a CAGR of 7.90%.

PUNE, MAHARASHTRA, INDIA ,
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EINPresswire.com/ -- The "[X-Ray Imaging Market](#) by Type (Mobile, Standalone), Technology (Analog X-Ray Imaging, Digital X-Ray Imaging), Application, End-User - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.

The Global X-Ray Imaging Market to grow from USD 12.11 billion in 2022 to USD 22.27 billion by 2030, at a CAGR of 7.90%.



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X-ray imaging is a medical imaging technique that uses X-rays to create images of the body's internal structures. A focused beam of X-ray radiation is directed toward the body during an X-ray procedure. X-ray imaging is commonly used to diagnose and monitor various conditions, including bone fractures, lung infections, dental problems, gastrointestinal issues, and certain tumors. It is a relatively quick and non-invasive imaging method, making it useful in emergencies or when a preliminary assessment is required. Moreover, the growing incidence of various disorders, rising usage of direct radiography, and numerous government regulations and initiatives for radiology are increasing the adoption of X-ray imaging systems. However, the lack of good safety protocols and health concerns related to radiation exposures significantly impedes the utilization of X-ray imaging. In addition, continuous technological advancements in digital X-ray systems and R&D activities to develop X-ray imaging systems are expected to create

tremendous opportunities for the development of the X-ray imaging market.

Application: Significant use of X-ray imaging for orthopedic application

Chest X-rays are used to diagnose and monitor a variety of conditions, which can help identify pneumonia, tumors, bone fractures, abnormal lung tissue, heart failure, and other abnormalities. Chest X-rays provide detailed images of the lungs and chest cavity, allowing leading medical professionals to accurately diagnose and treat various medical conditions. Dental X-rays are a vital tool for diagnosing tooth decay, dental abscesses, abnormalities in the jawbone, and impacted teeth, among other dental issues. These radiographs provide a detailed image of the mouth used to identify problems and determine the suitable course of treatment for a patient's oral health needs. Moreover, the mammography imaging technique is used to detect breast cancer or abnormalities in the breasts, such as cysts or lumps, while also enabling doctors to diagnose potential diseases early on, which can improve overall patient outcomes. Orthopedic X-rays are essential for diagnosing issues with bones and joints, including fractures or arthritis. These radiographs provide a detailed view of the anatomy of bones, which helps medical professionals make more accurate diagnoses and formulate more effective treatment plans when needed.

Technology: Growing adoption of digital X-rays for faster processing times and considerably lower costs

Analog X-ray imaging uses X-rays to create an image and relies on traditional film, which is exposed to X-rays and then developed in a darkroom or sent off to be processed. Digital X-ray imaging provides higher resolution than analog, providing much clearer pictures with greater detail, and involves capturing images directly onto a computer. Digital X-rays include higher-resolution images with greater detail, faster processing times, and considerably lower costs than analog technology. Additionally, digital X-rays have less environmental impact as they require fewer chemicals for development than analog X-rays.

End-User: Rising utilization across hospital for various medical procedures

X-ray imaging has numerous benefits, including early detection leading to improved patient outcomes while mitigating potential risks associated with radiation exposure through established safety protocols available for healthcare providers conducting these scans on patients routinely before and after surgeries, depending on their needs. In dental centers, X-ray imaging technology is primarily used to detect cavities or periodontal disease. It is most commonly used in diagnostic centers for diagnosing various medical conditions such as fractures and tumors. At the same time, hospitals have more varied uses for X-ray imaging technology, from diagnosing fractures and tumors to aiding in medical procedures such as angioplasty.

Type: Rising popularity of mobile X-rays for efficient and cost-effective diagnostic

Mobile X-ray imaging can be used at any location with minimal equipment that relies on small detectors to produce high-resolution digital images without the need for bulky X-ray or CT machines. Mobile X-rays enable efficient and cost-effective use of diagnostic radiology, especially

for remote areas with limited infrastructure. The usage of mobile X-ray machines has increased owing to their advantages, including potentially lower radiation dose due to their smaller size and cost savings compared to standalone or stationary units. On the other hand, standalone X-ray imaging requires large and complex machines that generate higher-quality images than mobile imaging systems and typically need specialized personnel to operate them. It provides higher accuracy of scans due to higher resolution images, a more extensive set of diagnostic tools, faster image acquisition, which can save time in emergencies, increased safety due to better shielding from radiation exposure, and increased storage capacity, allowing easier sharing of images with multiple healthcare professionals.

Regional Insights:

In North America, the increasing adoption of modern technology and improved healthcare infrastructure raised the need for digital X-ray systems to provide higher-resolution images while reducing patient exposure to radiation. According to the Centers for Disease Control and Prevention (CDC), chronic disease is a major cause of disabilities and death in the U.S., accounting for nearly 6 in 10 adults. The growing number of private and public investments have propelled the rising awareness regarding the advantages of early diagnosis. Favorable demographic trends in the region increased the utilization of digital X-ray imaging. In Asia-Pacific, rapidly developing economies and enhancing healthcare services in China, Japan, and India, increased demand for better imaging devices and supportive government initiatives for improving healthcare infrastructure raised the adoption of X-ray imaging systems. The EMEA region has seen significant improvements in medical X-ray imaging technology over recent years, enabling more efficient diagnosis and accurate results by utilizing advanced scanning techniques such as computed tomography (CT).

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the X-Ray Imaging Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the X-Ray Imaging Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the X-Ray Imaging Market, highlighting leading vendors and their innovative profiles. These include Advin Health Care, Agfa-Gevaert Group, ALERIO X-Rays by IATOME ELECTRIC (I) Pvt. Ltd., Aspen Imaging Healthcare, BPL Medical Technologies Pvt. Ltd., Canon, Inc., Carestream Health, Inc., Detection Technology PLC, FUJIFILM Corporation, General Electric Company, Hologic, Inc., KA Imaging Inc., KaVo Dental GmbH, Konica Minolta, Inc., Koninklijke Philips N.V., KUB Technologies Inc., Medion Healthcare Pvt. Ltd., Micro-X Limited, MinXray, Inc., North Star Imaging Inc., Oehm und Rehbein GmbH, PROTEC GmbH & Co. KG, Rayence Inc., Recorders & Medicare Systems Pvt. Ltd., Samsung Electronics Co., Ltd., Seamark ZM Technology Co., Ltd., Shenzhen SONTU Medical Imaging Equipment Co., Ltd., Shimadzu Corporation, Siemens Healthcare Private Limited, Skanray Technologies Ltd., SternMed GmbH, and WIPOTEC GmbH.

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Market Segmentation & Coverage:

This research report categorizes the X-Ray Imaging Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Type, market is studied across Mobile and Standalone. The Standalone commanded largest market share of 74.31% in 2022, followed by Mobile.

Based on Technology, market is studied across Analog X-Ray Imaging and Digital X-Ray Imaging. The Digital X-Ray Imaging commanded largest market share of 83.54% in 2022, followed by Analog X-Ray Imaging.

Based on Application, market is studied across Chest X-Ray Imaging, Dental X-Ray Imaging, Mammography X-Ray Imaging, and Orthopaedic X-Ray Imaging. The Orthopaedic X-Ray Imaging commanded largest market share of 27.91% in 2022, followed by Dental X-Ray Imaging.

Based on End-User, market is studied across Dental Center, Diagnostic Center, and Hospital. The Diagnostic Center commanded largest market share of 62.12% in 2022, followed by Hospital.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The

Europe, Middle East & Africa commanded largest market share of 42.83% in 2022, followed by Americas.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. X-Ray Imaging Market, by Type
7. X-Ray Imaging Market, by Technology
8. X-Ray Imaging Market, by Application
9. X-Ray Imaging Market, by End-User
10. Americas X-Ray Imaging Market
11. Asia-Pacific X-Ray Imaging Market
12. Europe, Middle East & Africa X-Ray Imaging Market
13. Competitive Landscape
14. Competitive Portfolio
15. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the X-Ray Imaging Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the X-Ray Imaging Market?
3. What is the competitive strategic window for opportunities in the X-Ray Imaging Market?
4. What are the technology trends and regulatory frameworks in the X-Ray Imaging Market?
5. What is the market share of the leading vendors in the X-Ray Imaging Market?
6. What modes and strategic moves are considered suitable for entering the X-Ray Imaging Market?

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