

Digital X-Ray Market Growing Exponentially at a CAGR of 3.8% To Reach US\$ 7.70 Billion From 2025 to 2034

The speedy momentum of technological progression worldwide is a prominent factor driving the digital X-ray market

NEW YORK CITY, NY, UNITED STATES, January 7, 2025 /EINPresswire.com/ -- The digital x-ray market forecast for 2034 is a specialized study of the industry with a specific concentration on the global market trend analysis.



The progressions have caused the advancement of more productive and precise imaging solutions such as progressive digital x-ray apparatus, thus encountering the growing demand for such services”

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Radiography commenced with conventional X-rays, where the workforce had to advance the X-ray by hand so as to

observe the content it accommodated. With the progression of self-advancing conventional X-rays, there is a lesser demand for conventional hard copies, but a digital variety of X-ray images is favored.

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The digital x-rays not only offer a perpetual depiction of the inside of the body with greater resolution. X-ray is a noninvasive, pain-free, and speedy method of clicking pictures of the inside of the body. The growing existence of detrimental illnesses globally has further reinforced the requirement for productive diagnostic imaging services, impacting the digital X-ray market growth favorably.

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- GE HealthCare
- Canon Inc.
- Siemens Healthineers AG
- Carestream Health
- FUJIFILM Holdings Corporation
- Shimadzu Corporation
- Konica Minolta
- Mindray Medical International
- Boston Imaging
- Danaher

are some of the leading players in the digital x-ray market.

Spearheading market contenders are funding massively in research and development so as to augment their offerings which will assist the market to grow even more.

- In January 2024, Carestream Health, a worldwide firm that offers medical imaging systems, IT solutions, and other services, initiated a contemporary DRX-Excel Plus X-ray system, improving productivity, image standard, and patient participation.

- In July 2023, Cannon Inc., a Japan-established multinational corporation that specializes in imaging, optical, and industrial commodities, declared the instigation of an excessively adaptable Digital X-ray RF System, "Zexira i9," with elevated image standards and less dosage.

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Growing Digitalization: The move towards digitalization in the healthcare industry with an escalating acquisition of PACS leads to the evolution of the market. Additionally, the growing funding in healthcare framework in surfacing nations and the escalating geriatric population pushes the market.

Growing Prevalence of Cancer: The growing existence of cancer pushes the demand for digital X-ray systems. Premature perception is important for productive cancer treatment and enhanced continuation rates. Digital X-ray systems provide high-clarity imaging that assists in locating malformations at a premature stage. This, in turn, is having a favorable impact on digital X-ray market sales.

Growing Sports Injuries: The growing aggregate of sports wounds is expected to push the market. Sports wounds frequently need speedy and precise imaging to determine fractures, dislocations, and other musculoskeletal injuries. Digital X-rays offer high-clarity images almost



immediately, which permits speedier diagnostics and cure resolution.

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North America: North America accounted for the largest digital x-ray market share. The region's robust growth is primarily due to the progressive healthcare framework, elevated acquisition rates of contemporary technologies, and notable funding in medical research and development.

Asia Pacific: Asia Pacific is anticipated to witness significant growth from 2025 to 2034. This can be attributed to the speedy economic growth and urbanization covering several nations in the region.

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By Type Outlook

- Analog X-ray System
- Digital X-ray System

By Technology Outlook

- Direct Radiography
- Computed Radiography

By Portability Outlook

- Fixed Digital X-ray System
- Portable Digital X-ray System

By System Outlook

- Retrofit Digital X-ray System
- New Digital X-ray System

By Price Range Outlook

- Low-range
- Mid-range
- High-range

By Application Outlook

- Chest Imaging
- Orthopedic
- Cardiovascular Imaging
- Pediatric Imaging

- Dental
- Cancer
- Other

By End User Outlook

- Hospitals
- Orthopedic Clinics
- Diagnostic Centers
- Dental Centers
- Other

By Region Outlook

- North America

- o US
- o Canada

- Europe

- o Germany
- o France
- o UK
- o Italy
- o Spain
- o Netherlands
- o Russia
- o Rest of Europe

- Asia-Pacific

- o China
- o Japan
- o India
- o Malaysia
- o South Korea
- o Indonesia
- o Australia
- o Rest of Asia-Pacific

- Middle East & Africa

- o Saudi Arabia
- o UAE
- o Israel
- o South Africa
- o Rest of the Middle East & Africa

- Latin America
 - o Mexico
 - o Brazil
 - o Argentina
 - o Rest of Latin America

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How much is the digital x-ray market?

The market size was valued at USD 5.32 billion in 2024 and is projected to grow to USD 7.70 billion by 2034.

What is the growth rate of the digital x-ray market?

The global market is projected to grow at a CAGR of 3.8% during the forecast period.

Which region held the largest market share?

North America had the largest share of the global market.

Which type is expected to grow with a significant CAGR in the market?

The digital x-ray type segment is projected for significant growth in the global market.

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