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Digital X-ray Market Size, Share & Trends Analysis By Type, By Application, By Technology, By Portability, By Systems, By Price Range, By End Users, Regional Outlook, Competitive Strategies and Segment Forecasts to 2030

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Abstracts

Global digital x-ray market is projected to worth USD 17.2 Bn by 2030

According to SPER Market Research, the global Digital X-ray market estimated to reach USD 17.2 Bn by 2030 with a CAGR of 8.3%. The global burden of infectious and chronic lifestyle diseases is a leading cause for the growth of digital x-ray market. The number of diseased patients will continue to grow in upcoming years as the geriatric population is rising.

Impact of COVID-19 on the Digital X-ray Market
Lockdowns, curfews imposed by various governments affected the manufacturing and supply chain of digital x-ray products. Many manufacturing units were subjected to temporary shutdown. On the other hand, COVID-19 also provided opportunities to grow as RT-PCR was coupled with chest imaging to confirm the COVID-19 infection and better manage the treatment. Chest imaging also helps in the diagnosis of post COVID-19 pneumonia and other complications.

Scope of the report:
Market size available for years
2019-2030

Base year considered
2021

Forecast period
2022-2030

Segments covered
By Type, By Application, By Technology, By Portability, By Systems, By Price Range, By End User

Geographies covered
North America, Europe, APAC, Latin America, and the Middle East & Africa

Companies Covered
ACTEON, Agfa-Gevaert Group, Canon, Inc., Carestream Health, FUJIFILM Holdings Corporation, GE Healthcare, Hologic Inc., Konica Minolta, Koninklijke Philips N.V., MinXray, Inc., Samsung Medison, Shenzhen Mindray Bio-Medical Electronics Co., Shimadzu Corporation, Siemens Healthineers, Varex Imaging Corporation

Driver: Technological advancements
The technological advancements in digital x-ray market have improved the quality of image produced, acquisition time, patient examination and ability to process large volumes of data. Many innovative devices and systems have been introduced to improve the imaging techniques. Such positive changes in the products are driving the growth of this market.

Challenge: High cost of equipment
The cost of digital x-ray systems and equipment is high with poor reimbursement rates. Thus, many hospitals in developing countries cannot afford the installation of these systems. In such cases, hospitals rely on refurbishing services of digital x-ray systems to provide patients with imaging facilities. Therefore, high cost of x-ray systems and rising adoption of refurbishing services can pose significant challenge to the growth of digital X-ray Market in the forecast period.

Opportunity: Rise of Artificial Intelligence
Currently, many research and development activities are carried out to integrate digital x-ray imaging with artificial intelligence. The success of this technology can result in the promising diagnostic features along with improved patient care. These advancements can provide growth opportunities to the digital x-ray market in the forecast period.

Digital X-Ray Market by Type:

Based on type, market has been segmented into Analog X-Ray Systems and Digital X-Ray Systems.

Digital X-Ray Market by Application:
Based on Application, the market is segmented into general radiography, chest imaging applications, orthopedic applications, cardiovascular imaging, other general radiography applications, dental applications, mammography, cancer, fluoroscopy.

Digital X-Ray Market by Technology:
Based on Technology, the market is segmented into direct radiography and computed radiography.

Digital X-Ray Market by Portability:
Based on Portability, the market is segmented into fixed digital x-ray systems, floor-to-ceiling mounted systems, ceiling-mounted systems, portable digital x-ray systems, mobile x-ray systems, handheld x-ray systems.

Digital X-Ray Market by Systems:
Based on Systems, the market is segmented into retrofit digital x-ray systems, new digital x-ray systems.

Digital X-Ray Market by Price Range:
Based on Price Range, the market is segmented into low end digital x-ray systems, mid-range digital x-ray systems, high-end digital x-ray systems.

Digital X-Ray Market by End User:
Based on End User, the market is segmented into hospitals, diagnostic centers and dental care centers. Digital X-ray Systems are expensive and require trained technicians. Thus, hospitals can cater these facilities for the patients.

Digital X-Ray Market by Region:
North America owns the largest share of this market due to technological advancements, presence of leading players, supportive reimbursement scenario and rising burden of chronic diseases.

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