

Germany Digital X-Ray - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The Germany Digital X-Ray Market size is estimated at USD 0.84 billion in 2024, and is expected to reach USD 1.27 billion by 2029, growing at a CAGR of 8.71% during the forecast period (2024-2029).

The COVID pandemic had an adverse effect on the digital x-ray market growth. As seen by the significant drops in cancer screening rates in Germany during the early stages of the COVID-19 pandemic, screening and early detection scans were considered essential. According to a study published in May 2021 titled "New Cases of Cancer in the German State of Saxony's Clinical Cancer Registries that Have Been Documented When COVID-19 was widespread, "The anticipated and actual reports of new cancer cases significantly decreased during the lockdown period that started in March 2020. This finally had an impact on the overall scan count for diagnosis. Since digital x-ray scans are a vital diagnostic tool that can assist physicians in identifying or screening a variety of malignant and noncancerous tumors, the demand for digital x-ray machines was severely harmed. This has caused a large backlog in the diagnostic services offered in the nation, which has had a negative influence on the market for digital x-ray devices. Thus, in the upcoming future, the market is expected to grow.

The growing incidence of various diseases in the country, along with the increasing research on digital x-ray imaging, by public and private organizations, is boosting the segment growth in the country. German Heart Surgery Report 2020: The Annual Updated Registry of the German Society for Thoracic and Cardiovascular Surgery, published in June 2021 by the National Library of Medicine, reports that there were 843 assist device implantations (including left/right/biventricular assist devices, total artificial device), 29,444 isolated coronary artery bypass grafting procedures, 35,469 isolated heart valve procedures, and 35,469 isolated heart valve procedures registered in Germany. The same source also states that 340 isolated heart transplants were performed in Germany in 2019, an increase of 2.1% over the previous year. The demand for digital x-rays for disease diagnosis and treatment is thus anticipated to rise in the area due to the high prevalence of cardiovascular procedures.

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In the market for digital x-ray devices, numerous events are happening in Germany, including new releases and approvals, partnerships, collaborations, mergers, and acquisitions. For instance, Agfa declared in March 2020 that the Buttstadt Surgery Practice in Germany now has a fully automated U-arm and floor-mounted DX-D 300 U-arm X-ray system. The DX-D 300 is perfect for imaging in an orthopedic surgery practice because of the extensive movement and rotation range of the digital detector, which permits a broad range of precise and complex exposures. Hence, the above developments are further expected to improve the market growth in the studied market.

Germany Digital X-Ray Market Trends

Cancer Segment is Expected to Hold a Significant Market Share Over the Forecast Period

The major factors attributing to the growth of the cancer applications for the digital x-ray segment in Germany include the rise in prevalence of cancer disorders and greater applications of digital x-ray devices in diagnosing different types of cancer. Many strategic initiatives are being conducted in Germany, which is expected to boost market growth. In Germany, the burden of illnesses like cancer has considerably increased in recent years. For instance, according to the Globocan 2020 report published by the International Agency for Research on Cancer, there were 284,068 instances of breast cancer in Germany overall in the year 2020. The report also noted that there were 113,542 fatalities. The market for digital x-ray instruments for diagnosis is anticipated to expand due to the high prevalence of breast cancer illnesses. Because there will be more demand for digital x-ray devices for breast cancer diagnostics, this is anticipated to accelerate market growth.

Numerous organizations are also investing in fresh technology, which is likely to foster innovation throughout time. For instance, Berlin-based Vara announced in June 2020 that it had successfully raised EUR 6.5 million in a Series A fundraising round. The company offers machine learning software with CE certification to assist radiologists in concentrating on finding malignancies in mammograms. Utilizing AI technology is probably going to hasten the detection of breast cancer. The use of digital x-rays to diagnose cancer problems in patients is a topic of several research investigations. For instance, researchers from the Department of Gynecology and Obstetrics at Friedrich Alexander University of Erlangen and others published an article in the Therapeutic Advances in Medical Oncology magazine in September 2020 with the title "Assessment of the additional clinical potential of X-ray dark-field imaging for breast cancer in a preclinical setup." The results show that adding X-ray dark-field imaging to digital mammography increases the likelihood of detecting breast cancer and its associated lesions with calcifications smaller than a micrometre. Thus, such studies are expected to increase the market growth.

Therefore, it is anticipated that the aforementioned improvements will further enhance the market growth in this sector.

Germany Digital X-Ray Industry Overview

Germany digital x-ray market is moderately competitive and consists of several major players. Some of the companies that are currently dominating the market are Canon Medical Systems, Siemens Healthineers AG, GE Healthcare, Fujifilm Holdings Corporation, and Koninklijke Philips NV among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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