

X-ray Machine Manufacturing Market Report by Product Type (Stationary, Portable), Technology (Analog, Digital), End User (Healthcare, Transportation and Logistics, Government, and Others), and Region 2024-2032

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Abstracts

The global X-ray machine manufacturing market size reached US\$ 15.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 24.3 Billion by 2032, exhibiting a growth rate (CAGR) of 4.87% during 2024-2032.

X-ray refers to an imaging test that can detect bone deformities and eliminate cancerous cells in radiation therapy by generating images of structures and tissues in the body. X-ray machines are made from two main components, which include an image detection system and X-ray generator. Amongst these, an X-ray generator is made from a tube, high voltage generator, control console, and cooling system. The manufacturing of these machines involves the use several high-precision components, such as rotors and anode cans. Producers mainly use the deep drawing process, which begins by pressing of a standard metal sheet into a cup of die with a high-pressure pressing machine. Other than the healthcare industry, x-ray machines are largely used in security applications across airports, financial institutes, and train stations.

X-Ray Machine Manufacturing Market Trends:

The increasing prevalence of respiratory, genitourinary, cardiovascular, and gastrointestinal disorders, particularly amongst the aging population, is primarily driving the growth of the global x-ray machine manufacturing market. Additionally, there has been a rise in investments in the research and development (R&D) of advanced diagnostic machines, which is contributing to the market growth. For instance, market players are producing 3-D color x-ray to generate cleaner and more accurate images for

improved diagnosis. Other than this, a significant rise in security concerns due to threats and illegal activities, such as drug trafficking and illegal shipping of arms, is further fuelling the growth of the market. Moreover, since the onset of the coronavirus disease (COVID-19) outbreak, governments of various nations have been undertaking several initiatives to improve the healthcare infrastructure. This, in turn, is creating a positive outlook for the x-ray machine manufacturing market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global X-ray machine manufacturing market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product type, technology and end user.

Breakup by Product Type:

Stationary

Portable

Breakup by Technology:

Analog

Digital

Breakup by End User:

Healthcare

Transportation and Logistics

Government

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Allengers Group, Canon Inc., Carestream Health, Esaote SpA, Fujifilm Holdings Corporation, General Electric Company, Hindrays, Hitachi Ltd., Narang Medical Limited, Shimadzu Corporation, Siemens AG and Vision Medicaid Equipments Private Limited.

Key Questions Answered in This Report

1. What was the size of the global X-ray machine manufacturing market in 2023?
2. What is the expected growth rate of the global X-ray machine manufacturing market during 2024-2032?
3. What are the key factors driving the global X-ray machine manufacturing market?
4. What has been the impact of COVID-19 on the global X-ray machine manufacturing market?
5. What is the breakup of the global X-ray machine manufacturing market based on the product type?
6. What is the breakup of the global X-ray machine manufacturing market based on the technology?
7. What is the breakup of the global X-ray machine manufacturing market based on the end user?
8. What are the key regions in the global X-ray machine manufacturing market?
9. Who are the key players/companies in the global X-ray machine manufacturing

market?

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