

Global Fixed And Mobile C-arms Market Size study & Forecast, by Type (Fixed C-arms and Mobile C-arms), by Application (Orthopedics and Trauma, Neurosurgery, Cardiovascular, Pain Management, Gastroenterology and Others) and Regional Analysis, 2023-2030

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Abstracts

Global Fixed And Mobile C-arms Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. The Fixed and Mobile C-arms market encompasses advanced medical imaging systems used primarily in surgical and interventional procedures to provide real-time imaging guidance. These systems consist of an X-ray source mounted on a C-shaped arm that can rotate around the patient, capturing detailed fluoroscopic and radiographic images. The market for fixed and mobile C-arms is driven by several key factors. Firstly, technological advancements such as improved image quality, high-resolution imaging capabilities, and integration with digital imaging technologies have enhanced their utility in various medical specialities. The rise in minimally invasive surgeries and interventions, driven by benefits such as reduced patient trauma, shorter recovery times, and lower healthcare costs, has significantly increased the demand for C-arm systems globally. Moreover, the growing prevalence of chronic diseases, orthopedic conditions, and cardiovascular disorders necessitating image-guided procedures further propels the market growth. Additionally, the shift towards point-of-care imaging solutions and the increasing adoption of mobile C-arms for use in outpatient settings, emergency departments, and ambulatory surgical centers are contributing to market expansion. These drivers, coupled with ongoing research and development activities focused on enhancing device functionalities and patient outcomes, are expected to fuel continued growth in the Fixed and Mobile C-arms

market.

The growth of the market for Fixed and Mobile C-arms is driven by various factors, including the increasing volume of surgical procedures and ongoing technological advancements in C-arm system development. Moreover, the ageing global population, which is more prone to chronic illnesses, is also contributing to the expansion of this market. The integration of C-arm systems into intraoperative procedures has revolutionized modern surgical practices by improving surgical precision and reducing patient morbidity and hospital stays. The versatility of C-arm machines enables their widespread utilization across diverse medical specialties such as orthopedics, urology, gastrointestinal, cardiovascular, emergency, and therapeutic interventions. Market leaders are continuously innovating to enhance these systems further, incorporating features such as Artificial Intelligence (AI) and 3D mapping capabilities. Such advancements improve surgical planning accuracy, provide real-time intraoperative guidance, and streamline surgical procedures, ultimately benefiting both patients and healthcare providers. For example, Philips recently announced the integration of cloud-based AI and 3D mapping features into its Zenition mobile C-arm System Series in January 2022, showcasing the industry's commitment to advancing C-arm technology.

The key regions considered for the Global Fixed And Mobile C-arms Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America emerged as the global leader in the Fixed and Mobile C-arms market, securing the largest revenue share in 2022. This dominance is fueled by several factors, including the widespread adoption of advanced medical technologies, well-developed healthcare infrastructure, strong economic prosperity, and a robust reimbursement framework. Data from the Centers for Medicare and Medicaid Services (CMS) indicates substantial healthcare spending by the U.S. government, reaching nearly USD 4.1 trillion in 2020, which represented about 19.7% of the country's GDP. The region has also witnessed a notable increase in elective surgical procedures post-COVID-19 pandemic, coupled with a rising incidence of chronic ailments, further driving the demand for C-arm equipment across various healthcare facilities. The Asia Pacific region is projected to achieve the highest compound annual growth rate (CAGR) in the Fixed and Mobile C-arms market, primarily due to escalating demands for advanced imaging technologies and substantial governmental initiatives aimed at enhancing healthcare infrastructure. The region boasts well-established hospitals and critical care centers, coupled with a significant target patient population, which is expected to fuel market expansion. Additionally, rising public awareness regarding healthcare and the burgeoning medical tourism sector is anticipated to further propel market growth across the Asia Pacific region.

Major market player included in this report are:

GE Healthcare

Siemens Healthineers AG

Koninklijke Philips N.V.

Medtronic

Ziehm Imaging GmbH

Shimadzu Corp.

Hologic Corp.

Canon Medical Systems

FUJIFILM

Eurocolumbus srl.

Recent Developments in the Market:

In April 2021, Carestream Health expanded its innovative product portfolio in partnership with Ziehm Imaging by introducing the Ziehm Vision RFD C-arm, a cutting-edge mobile C-arm solution.

In March 2021, GE Healthcare achieved FDA clearance for its OEC 3D, a state-of-the-art surgical imaging C-arm system renowned for its capabilities in both 2D and 3D imaging.

Global Fixed And Mobile C-arms Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Fixed C-arms

Mobile C-arms

By Application:

Orthopedics and Trauma

Neurosurgery

Cardiovascular

Pain Management

Gastroenterology

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

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