

Fluoroscopy Equipment Market Set to Surge to \$6.5 Billion by 2028 at a 4.8% CAGR

Valued at \$4,072.80 million in 2020, the fluoroscopy equipment market is expected to reach \$6,500.20 million by 2028, registering a CAGR of 4.8%.

WILMINGTON, DE, UNITED STATES, February 19, 2025 /EINPresswire.com/

-- The global [fluoroscopy equipment market](#) has witnessed significant growth in recent years, driven by technological advancements and an increasing demand for minimally invasive diagnostic procedures. Valued at \$4,072.80 million in 2020, the fluoroscopy equipment market is projected to reach \$6,500.20 million by 2028, registering a CAGR of 4.8% from 2021 to 2028.



Fluoroscopy is a medical imaging technique that provides real-time X-ray visuals on a monitor, enabling healthcare professionals to observe the movement of internal structures, instruments, or contrast agents within the body. This dynamic imaging is crucial for diagnosing various conditions and guiding therapeutic procedures. Common applications include barium enemas for gastrointestinal assessments and cardiac catheterizations for evaluating heart and coronary artery health.

Get Sample PDF Copy: <https://www.alliedmarketresearch.com/request-sample/A11202>

Fluoroscopy Equipment Market Growth Factors

Several factors contribute to the expansion of the fluoroscopy equipment market:

1. Rising Prevalence of Chronic Diseases: The increasing incidence of conditions such as osteoporosis, cardiovascular diseases, and gastrointestinal disorders necessitates advanced diagnostic tools. For instance, osteoporosis leads to over 8.9 million fractures annually

worldwide, equating to one fracture every three seconds.

2. Technological Advancements: Innovations in fluoroscopy equipment, including the development of digital systems and mobile C-arms, have enhanced image quality and procedural efficiency. These advancements facilitate a broader range of applications and improve patient outcomes.

3. Aging Population: The global increase in the elderly population has led to a higher demand for diagnostic procedures, as older individuals are more susceptible to chronic ailments requiring imaging interventions.

4. Minimally Invasive Procedures: There is a growing preference for minimally invasive surgeries, which often rely on fluoroscopic guidance. These procedures offer benefits such as reduced recovery times and lower complication rates, thereby boosting the demand for fluoroscopy equipment.

Fluoroscopy Equipment Market Segmentation

The fluoroscopy equipment market is segmented based on product type, application, and region.

By Product:

- Fluoroscopy Devices: These are traditional systems used for continuous imaging during diagnostic and therapeutic procedures.
- C-Arms: These devices are further categorized into:
 - Full-Size C-Arms: Typically used in operating rooms for complex surgical procedures.
 - Mobile C-Arms: Portable units that offer flexibility and are used in various clinical settings, including emergency rooms and outpatient facilities.

By Application:

- Orthopedic: Utilized in imaging for fracture reductions, joint replacements, and other musculoskeletal interventions.
- Cardiovascular: Employed in procedures like angiography and cardiac catheterization to visualize blood vessels and heart chambers.
- Pain Management and Trauma: Assists in guiding injections and assessing traumatic injuries.
- Neurology: Aids in procedures involving the nervous system, such as spinal interventions.
- Gastrointestinal: Used for imaging the digestive tract to diagnose conditions like blockages or ulcers.
- Urology: Helps in visualizing the urinary system for diagnosing and treating urological disorders.
- General Surgery: Supports a variety of surgical procedures by providing real-time imaging.
- Others: Includes applications in fields like gynecology and pulmonology.

By Region:

- North America: Held the largest market share in 2020, attributed to the high prevalence of chronic diseases, advanced healthcare infrastructure, and the presence of major industry players.
- Europe: Features a well-established healthcare system with significant adoption of advanced imaging technologies.
- Asia-Pacific: Expected to witness substantial growth due to increasing healthcare investments, rising awareness, and a growing patient population.
- LAMEA (Latin America, Middle East, and Africa): Offers potential growth opportunities driven by improving healthcare facilities and increasing demand for advanced diagnostic tools.

Have Any Query? Ask Our Experts: <https://www.alliedmarketresearch.com/purchase-enquiry/A11202>

Key Players in the Fluoroscopy Equipment Market

Prominent companies operating in the fluoroscopy equipment market include:

- Siemens Healthineers
- GE Healthcare
- Koninklijke Philips N.V.
- Canon Medical Systems Corporation
- Hitachi Ltd.
- Shimadzu Corporation
- Ziehm Imaging GmbH
- Agfa-Gevaert Group
- ADANI Systems Inc.

The fluoroscopy equipment market is poised for continued growth, driven by the increasing demand for advanced diagnostic imaging and minimally invasive procedures. Technological innovations and the rising prevalence of chronic diseases further underscore the importance of fluoroscopy in modern healthcare. As key players continue to develop and introduce cutting-edge solutions, the market is expected to expand, offering improved diagnostic capabilities and patient outcomes worldwide.

Procure Complete Report: <https://www.alliedmarketresearch.com/fluoroscopy-equipment-industry-market/purchase-options>

Thanks for reading this article; you can also get an individual chapter-wise sections or region-wise report versions like North America, LATAM, Europe, or Southeast Asia.

About Us:

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

David Correa

Allied Market Research

+ 1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/787501648>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.