

Fluoroscopy Equipment Market- Global Industry Size, Share, Trends, Opportunity and Forecast, 2018-2028 By Type (Fixed C-arms, Fluoroscopy Systems, Remote Controlled Systems, Patient-Side Controlled Systems, Others), By Application (Diagnostics v/s Surgical) {By Diagnostic (Cardiology, Gastroenterology, Urology & Nephrology, Others)} {By Surgical (Orthopedic & Trauma Surgeries, Neurosurgeries, Cardiovascular Surgeries, Others)}, By End User (Hospitals & Clinics, Diagnostic Imaging Centers, Others), By Region and Competition

https://marketpublishers.com/r/F0F95A8E6D19EN.html

Date: March 2023 Pages: 111 Price: US\$ 4,900.00 (Single User License) ID: F0F95A8E6D19EN

# **Abstracts**

Fluoroscopy Equipment Market is projected to grow with an impressive CAGR in the forecast period, 2024-2028. Due to the advantages of Fluoroscopy devices over image intensifiers, along with the use of fluoroscopy for pain management. Fluoroscopy is a method that allows experts/ analysts to obtain and analyze moving pictures during an X-ray procedure. Real-time moving images can easily be taken and studied with the help of fluoroscopy equipment. This advantage is a major factor in the growth of Global Fluoroscopy Equipment Market. Moreover, a rising number of interventional radiology procedures require real-time imaging to be conducted for the diagnostics procedures which is a major factor responsible for the growth of Global Fluoroscopy Equipment Market in the coming years.

Cancer is a leading cause of death worldwide, accounting for nearly 10 million deaths in 2020, or nearly one in every six deaths. For the detection and diagnosis of Cancer, the



procedure of identifying the cancerous cells in the body, the radiology department uses fluoroscopy equipment to get the real-time imaging process. In the case of research regarding cancerous cells, proteins, or other carcinogens, real-time imaging provides a detailed and better understanding thereby driving the demand. The market is anticipated to grow on this factor in the coming years. Real-time imaging in the surgical process provides the opportunity for surgeons to perform the surgery with accuracy and monitor the conditions accordingly.

Increasing Incidences of Pain Management and Trauma, and gastrointestinal disorders

Global Fluoroscopy Equipment is expanding as a result of the increasing prevalence of various disorders like gastrointestinal and urological diseases. Fluoroscopy equipment is used to detect and diagnose such types of diseases. Injury is one of the leading causes of death among men and women aged 15 to 44, according to the World Health Organization (WHO). Chronic liver conditions, pancreatitis, gastroesophageal reflux disease, gastritis, vascular intestinal disorders, and celiac disease are examples of gastrointestinal problems. Between 2000 and 2019, the incidence and mortality rates for all digestive cancers increased by 26% and 17%, respectively. A type of real-time X-ray is used in upper gastrointestinal radiography or gastro-intestinal tract radiography to make the diagnosis. For instance, images of the esophagus, stomach, and small intestine are produced using contrast material based on barium. It can be used to accurately diagnose symptoms including pain, acid reflux, blood in the stool, and others, and is secure and non-invasive. Growing incidences of pain management, road traffic accidents, gastrointestinal disorders, and other diseases are supporting the growth of Global Fluoroscopy Equipment during the forecast period, 2024-2028.

Advantages of Fluoroscopy Equipment over Image Intensifiers

Fluoroscopy equipment has a variety of benefits over image intensifiers, including compact size and low radiation dose. The systems that use fluoroscopy technology are capable of producing images with better resolutions than their predecessors. The use of fluoroscopy technology will result in higher-quality, more reliable digital images. Unlike traditional image intensifiers, fluoroscopy equipment never deteriorates with time. They can deliver images with the same intensity while having a larger and more dynamic range than image intensifiers. Additionally, image intensifiers cause the field of view to shrink with increasing magnification, but fluoroscopy equipment does not. Compared to image intensifiers, fluoroscopy has various benefits. Advantages include no image distortion, improved patient coverage, and increased sensitivity. These benefits have led to widespread hospital use of this radiological equipment. During the forecasted



period, 2024–2028, the global fluoroscopy equipment market is expected to increase due to the development of additional technologies related to fluoroscopy equipment.

#### Market Segmentation

Global Fluoroscopy Equipment Market is segmented by type, application, end-user, and region. Based on Type, the market is divided into Fixed C-arms, Fluoroscopy Systems, Remote Controlled Systems, Patient-Side Controlled Systems, and Others. Based on application the market is further fragmented into diagnostics and surgical. Based on end users, the market is fragmented into Hospitals & Clinics, Diagnostic Imaging Centers, and Others.

#### Market Players

Some of the major competitors operating in the global fluoroscopy equipment market include Siemens Healthineers AG, GE Healthcare, Koninklijke Philips N.V., Canon Medical Systems Corporation, Medtronic Plc., Hologic, Inc., Shimadzu Corporation, Hitachi, Ltd., Carestream Health, Inc., Allengers Medical Systems Limited, Ziehm Imaging GmbH, Agfa-Gevaert Group, ADANI Systems, Inc., Omega Medical Imaging, Inc., Xcelsitas AG, among others.

## Report Scope:

In this report, Global Fluoroscopy Equipment Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Fluoroscopy Equipment Market, By Type:

Fixed C-arms

Fluoroscopy Systems

Remote Controlled Systems

Patient-Side Controlled Systems

Others



Fluoroscopy Equipment Market, By Application:

Diagnostics

Cardiology

Gastroenterology

Urology & Nephrology

Others

#### Surgical

**Orthopedic & Trauma Surgeries** 

Neurosurgeries

Cardiovascular Surgeries

Others

Fluoroscopy Equipment Market, By End User:

Hospitals & Clinics

**Diagnostic Imaging Centers** 

Others

Fluoroscopy Equipment Market, By Region:

North America

**United States** 

Canada

Mexico

Fluoroscopy Equipment Market- Global Industry Size, Share, Trends, Opportunity and Forecast, 2018-2028 By Type...



## Europe

Germany

France

United Kingdom

Italy

Spain

#### Asia-Pacific

China

Japan

India

South Korea

Australia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

South America

Brazil



Argentina

Colombia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global fluoroscopy equipment market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

**Company Information** 

Detailed analysis and profiling of additional market players (up to five).



# Contents

## 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
- 1.2.1. Markets Covered
- 1.2.2. Years Considered for Study
- 1.2.3. Key Market Segmentations

## 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

## **3. EXECUTIVE SUMMARY**

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

## 4. VOICE OF CUSTOMER

## 5. GLOBAL FLUOROSCOPY EQUIPMENT MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast

5.2.1. By Type (Fixed C-arms, Fluoroscopy Systems, Remote Controlled Systems,

Patient-Side Controlled Systems, Others)

- 5.2.2. By Application (Diagnostics v/s Surgical)
  - 5.2.2.1. By Diagnostic (Cardiology, Gastroenterology, Urology & Nephrology, Others)



5.2.2.2. By Surgical (Orthopedic & Trauma Surgeries, Neurosurgeries,

Cardiovascular Surgeries, Others)

5.2.3. By End User (Hospitals & Clinics, Diagnostic Imaging Centers, Others)

5.2.4. By Company (2022)

- 5.2.5. By Region
- 5.3. Market Map
  - 5.3.1. By Type
  - 5.3.2. By Application
  - 5.3.3. By End User
  - 5.3.4. By Region

## 6. ASIA-PACIFIC FLUOROSCOPY EQUIPMENT MARKET OUTLOOK

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
- 6.2.1. By Type
- 6.2.2. By Application
- 6.2.3. By End User
- 6.2.4. By Country
- 6.3. Asia-Pacific: Country Analysis
  - 6.3.1. China Fluoroscopy Equipment Market Outlook
    - 6.3.1.1. Market Size & Forecast
    - 6.3.1.1.1. By Value
    - 6.3.1.2. Market Share & Forecast
      - 6.3.1.2.1. By Type
    - 6.3.1.2.2. By Application
    - 6.3.1.2.3. By End User
  - 6.3.2. India Fluoroscopy Equipment Market Outlook
  - 6.3.2.1. Market Size & Forecast
  - 6.3.2.1.1. By Value
  - 6.3.2.2. Market Share & Forecast
  - 6.3.2.2.1. By Type
  - 6.3.2.2.2. By Application
  - 6.3.2.2.3. By End User
  - 6.3.3. South Korea Fluoroscopy Equipment Market Outlook
    - 6.3.3.1. Market Size & Forecast
    - 6.3.3.1.1. By Value
    - 6.3.3.2. Market Share & Forecast



- 6.3.3.2.1. By Type
- 6.3.3.2.2. By Application
- 6.3.3.2.3. By End User
- 6.3.4. Japan Fluoroscopy Equipment Market Outlook
  - 6.3.4.1. Market Size & Forecast
  - 6.3.4.1.1. By Value
  - 6.3.4.2. Market Share & Forecast
  - 6.3.4.2.1. By Type
  - 6.3.4.2.2. By Application
  - 6.3.4.2.3. By End User
- 6.3.5. Australia Fluoroscopy Equipment Market Outlook
  - 6.3.5.1. Market Size & Forecast
  - 6.3.5.1.1. By Value
  - 6.3.5.2. Market Share & Forecast
  - 6.3.5.2.1. By Type
  - 6.3.5.2.2. By Application
  - 6.3.5.2.3. By End User

# 7. EUROPE FLUOROSCOPY EQUIPMENT MARKET OUTLOOK

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Type
  - 7.2.2. By Application
  - 7.2.3. By End User
  - 7.2.4. By Country
- 7.3. Europe: Country Analysis
  - 7.3.1. France Fluoroscopy Equipment Market Outlook
  - 7.3.1.1. Market Size & Forecast
  - 7.3.1.1.1. By Value
  - 7.3.1.2. Market Share & Forecast
  - 7.3.1.2.1. By Type
  - 7.3.1.2.2. By Application
  - 7.3.1.2.3. By End User
  - 7.3.2. Germany Fluoroscopy Equipment Market Outlook
    - 7.3.2.1. Market Size & Forecast
    - 7.3.2.1.1. By Value
    - 7.3.2.2. Market Share & Forecast



- 7.3.2.2.1. By Type
- 7.3.2.2.2. By Application
- 7.3.2.2.3. By End User
- 7.3.3. United Kingdom Fluoroscopy Equipment Market Outlook
  - 7.3.3.1. Market Size & Forecast
  - 7.3.3.1.1. By Value
  - 7.3.3.2. Market Share & Forecast
  - 7.3.3.2.1. By Type
  - 7.3.3.2.2. By Application
  - 7.3.3.2.3. By End User
- 7.3.4. Italy Fluoroscopy Equipment Market Outlook
  - 7.3.4.1. Market Size & Forecast
  - 7.3.4.1.1. By Value
  - 7.3.4.2. Market Share & Forecast
  - 7.3.4.2.1. By Type
  - 7.3.4.2.2. By Application
  - 7.3.4.2.3. By End User
- 7.3.5. Spain Fluoroscopy Equipment Market Outlook
  - 7.3.5.1. Market Size & Forecast
  - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Type
    - 7.3.5.2.2. By Application
  - 7.3.5.2.3. By End User

## 8. NORTH AMERICA FLUOROSCOPY EQUIPMENT MARKET OUTLOOK

- 8.1. Market Size & Forecast
- 8.1.1. By Value
- 8.2. Market Share & Forecast
- 8.2.1. By Type
- 8.2.2. By Application
- 8.2.3. By End User
- 8.2.4. By Country
- 8.3. North America: Country Analysis
  - 8.3.1. United States Fluoroscopy Equipment Market Outlook
  - 8.3.1.1. Market Size & Forecast
  - 8.3.1.1.1. By Value
  - 8.3.1.2. Market Share & Forecast



- 8.3.1.2.1. By Type
- 8.3.1.2.2. By Application
- 8.3.1.2.3. By End User
- 8.3.2. Mexico Fluoroscopy Equipment Market Outlook
  - 8.3.2.1. Market Size & Forecast
  - 8.3.2.1.1. By Value
  - 8.3.2.2. Market Share & Forecast
  - 8.3.2.2.1. By Type
  - 8.3.2.2.2. By Application
  - 8.3.2.2.3. By End User
- 8.3.3. Canada Fluoroscopy Equipment Market Outlook
  - 8.3.3.1. Market Size & Forecast
  - 8.3.3.1.1. By Value
  - 8.3.3.2. Market Share & Forecast
  - 8.3.3.2.1. By Type
  - 8.3.3.2.2. By Application
  - 8.3.3.2.3. By End User

## 9. SOUTH AMERICA FLUOROSCOPY EQUIPMENT MARKET OUTLOOK

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Type
  - 9.2.2. By Application
  - 9.2.3. By End User
  - 9.2.4. By Country
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Fluoroscopy Equipment Market Outlook
  - 9.3.1.1. Market Size & Forecast
  - 9.3.1.1.1. By Value
  - 9.3.1.2. Market Share & Forecast
  - 9.3.1.2.1. By Type
  - 9.3.1.2.2. By Application
  - 9.3.1.2.3. By End User
  - 9.3.2. Argentina Fluoroscopy Equipment Market Outlook
    - 9.3.2.1. Market Size & Forecast
    - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast



9.3.2.2.1. By Type
9.3.2.2.2. By Application
9.3.2.2.3. By End User
9.3.3. Colombia Fluoroscopy Equipment Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Type
9.3.3.2.2. By Application
9.3.3.2.3. By End User

# 10. MIDDLE EAST AND AFRICA FLUOROSCOPY EQUIPMENT MARKET OUTLOOK

- 10.1. Market Size & Forecast
- 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Type
  - 10.2.2. By Application
  - 10.2.3. By End User
  - 10.2.4. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Fluoroscopy Equipment Market Outlook
    - 10.3.1.1. Market Size & Forecast
    - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
    - 10.3.1.2.1. By Type
    - 10.3.1.2.2. By Application
    - 10.3.1.2.3. By End User
  - 10.3.2. Saudi Arabia Fluoroscopy Equipment Market Outlook
  - 10.3.2.1. Market Size & Forecast
  - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
  - 10.3.2.2.1. By Type
  - 10.3.2.2.2. By Application
  - 10.3.2.2.3. By End User
  - 10.3.3. UAE Fluoroscopy Equipment Market Outlook
    - 10.3.3.1. Market Size & Forecast
      - 10.3.3.1.1. By Value



10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Type
10.3.3.2.2. By Application
10.3.3.2.3. By End User
10.3.4. Kuwait Fluoroscopy Equipment Market Outlook
10.3.4.1. Market Size & Forecast
10.3.4.1.1. By Value
10.3.4.2. Market Share & Forecast
10.3.4.2.1. By Type
10.3.4.2.2. By Application
10.3.4.2.3. By End User

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## 12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Recent Development
- 12.2. Mergers & Acquisitions
- 12.3. Product Launches

## 13. GLOBAL FLUOROSCOPY EQUIPMENT MARKET: SWOT ANALYSIS

## 14. PORTER'S FIVE FORCES ANALYSIS

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

## 15. COMPETITIVE LANDSCAPE

- 15.1. Business Overview
- 15.2. Product Offerings
- 15.3. Recent Developments
- 15.4. Financials (As Reported)

Fluoroscopy Equipment Market- Global Industry Size, Share, Trends, Opportunity and Forecast, 2018-2028 By Type...



- 15.5. Key Personnel
- 15.6. SWOT Analysis
  - 15.6.1. Siemens Healthineers AG
  - 15.6.2. GE Healthcare
  - 15.6.3. Koninklijke Philips N.V.
  - 15.6.4. Canon Medical Systems Corporation
  - 15.6.5. Medtronic Plc.
  - 15.6.6. Hologic, Inc.
  - 15.6.7. Shimadzu Corporation
  - 15.6.8. Hitachi, Ltd.
  - 15.6.9. Carestream Health, Inc.
  - 15.6.10. Allengers Medical Systems Limited
  - 15.6.11. Ziehm Imaging GmbH
  - 15.6.12. Agfa-Gevaert Group
  - 15.6.13. ADANI Systems, Inc.
  - 15.6.14. Omega Medical Imaging, Inc.
  - 15.6.15. Xcelsitas AG

## **16. STRATEGIC RECOMMENDATIONS**



## I would like to order

Product name: Fluoroscopy Equipment Market- Global Industry Size, Share, Trends, Opportunity and Forecast, 2018-2028 By Type (Fixed C-arms, Fluoroscopy Systems, Remote Controlled Systems, Patient-Side Controlled Systems, Others), By Application (Diagnostics v/s Surgical) {By Diagnostic (Cardiology, Gastroenterology, Urology & Nephrology, Others)} {By Surgical (Orthopedic & Trauma Surgeries, Neurosurgeries, Cardiovascular Surgeries, Others)}, By End User (Hospitals & Clinics, Diagnostic Imaging Centers, Others), By Region and Competition

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