

# **3D Medical Imaging Equipment Market Report by Product (X-Ray, Ultrasound, MRI, CT Scan, Hybrid Imaging), Solution (3D Scanning, 3D Rendering, 3D Modeling), Application (Oncology, Cardiology, Orthopedics, and Others), Component (Hardware, Software, Service), Deployment (On-Premise Based Platform, Cloud Based Platform, Web Based Platform), and Region 2024-2032**

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## **Abstracts**

The global 3D medical imaging equipment market size reached US\$ 13.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 19.7 Billion by 2032, exhibiting a growth rate (CAGR) of 4.5% during 2024-2032.

Medical imaging is a technique of creating visual depictions of internal organs in the body for the clinical diagnosis of an ailment and its subsequent medical treatment. The 3D imaging technology has aided healthcare professionals to capture images at multiple angles and display tissues at varying depths along with enhanced resolutions and more intricate details to provide a better understanding of the human body. Unlike previously used imaging technologies which had possibilities of erroneous results, the 3D imaging technology offers precise information during the diagnosis of any medical ailment. It has proved revolutionary in the diagnosis of various medical illnesses, including digital breast tomosynthesis (DBT), which is crucial in the treatment of breast cancer

The thriving healthcare industry is one of the key factors driving market growth. There has been a rise in the occurrence of lifestyle diseases along with age-related ailments owing to sedentary lifestyles and a significant increase in the geriatric population,

respectively. This has consequently bolstered the demand for 3D medical imaging equipment in the healthcare sector. Moreover, technological advancements coupled with the rising awareness about the benefits of this technology such as an accurate visual representation of internal organs, reduced damage to surrounding tissues and accuracy of data offered by various medical imaging procedures has stimulated the market growth. The market is further driven by increasing healthcare budgetary allocations and research and development (R&D) activities by governments of various nations across the globe.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global 3D medical imaging equipment market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on product, solution, application, component and deployment.

#### Breakup by Product:

- X-Ray
- Ultrasound
- MRI
- CT Scan
- Hybrid Imaging

#### Breakup by Solution:

- 3D Scanning
- 3D Rendering
- 3D Modeling

#### Breakup by Application:

- Oncology
- Cardiology
- Orthopedics
- Others

#### Breakup by Component:

- Hardware

Software  
Service

Breakup by Deployment:

On-Premise Based Platform  
Cloud Based Platform  
Web Based Platform

Breakup by Region:

North America  
Europe  
Asia Pacific  
Middle East and Africa  
Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being GE Healthcare, Philips Electronics Nederland B.V., Siemens Healthineers, FUJIFILM Corporation, Analogic Corporation, ContextVision AB, Dentsply Sirona, EOS imaging, Esaote S.p.A, Fuel 3D Technologies Limited, KaVo Dental GmbH, Hologic, Inc., Intelrad Medical Systems, Planmeca Group, Samsung Medison and Shimadzu Corporation.

IMARC Group's latest report provides a deep insight into the global 3D medical imaging equipment market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the global 3D medical imaging equipment market in any manner.

Key Questions Answered in This Report

1. What was the size of the global 3D medical imaging equipment market in 2023?
2. What is the expected growth rate of the global 3D medical imaging equipment market during 2024-2032?
3. What are the key factors driving the global 3D medical imaging equipment market?
4. What has been the impact of COVID-19 on the global 3D medical imaging equipment

market?

5. What is the breakup of the global 3D medical imaging equipment market based on the product?

6. What is the breakup of the global 3D medical imaging equipment market based on the solution?

7. What is the breakup of the global 3D medical imaging equipment market based on the application?

8. What is the breakup of the global 3D medical imaging equipment market based on the component?

9. What is the breakup of the global 3D medical imaging equipment market based on the deployment?

10. What are the key regions in the global 3D medical imaging equipment market?

11. Who are the key players/companies in the global 3D medical imaging equipment market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL 3D MEDICAL IMAGING EQUIPMENT MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Product
- 5.5 Market Breakup by Solution
- 5.6 Market Breakup by Application
- 5.7 Market Breakup by Component
- 5.8 Market Breakup by Deployment
- 5.9 Market Breakup by Region
- 5.10 Market Forecast

### 6 MARKET BREAKUP BY PRODUCT

## 6.1 X-Ray

6.1.1 Market Trends

6.1.2 Market Forecast

## 6.2 Ultrasound

6.2.1 Market Trends

6.2.2 Market Forecast

## 6.3 MRI

6.3.1 Market Trends

6.3.2 Market Forecast

## 6.4 CT Scan

6.4.1 Market Trends

6.4.2 Market Forecast

## 6.5 Hybrid Imaging

6.5.1 Market Trends

6.5.2 Market Forecast

## **7 MARKET BREAKUP BY SOLUTION**

### 7.1 3D Scanning

7.1.1 Market Trends

7.1.2 Market Forecast

### 7.2 3D Rendering

7.2.1 Market Trends

7.2.2 Market Forecast

### 7.3 3D Modeling

7.3.1 Market Trends

7.3.2 Market Forecast

## **8 MARKET BREAKUP BY APPLICATION**

### 8.1 Oncology

8.1.1 Market Trends

8.1.2 Market Forecast

### 8.2 Cardiology

8.2.1 Market Trends

8.2.2 Market Forecast

### 8.3 Orthopedics

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

## **9 MARKET BREAKUP BY COMPONENT**

9.1 Hardware

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Software

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Service

9.3.1 Market Trends

9.3.2 Market Forecast

## **10 MARKET BREAKUP BY DEPLOYMENT**

10.1 On-Premise Based Platform

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Cloud Based Platform

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Web Based Platform

10.3.1 Market Trends

10.3.2 Market Forecast

## **11 MARKET BREAKUP BY REGION**

11.1 North America

11.1.1 Market Trends

11.1.2 Market Forecast

11.2 Europe

11.2.1 Market Trends

11.2.2 Market Forecast

11.3 Asia Pacific

11.3.1 Market Trends

- 11.3.2 Market Forecast
- 11.4 Middle East and Africa
  - 11.4.1 Market Trends
  - 11.4.2 Market Forecast
- 11.5 Latin America
  - 11.5.1 Market Trends
  - 11.5.2 Market Forecast

## **12 SWOT ANALYSIS**

- 12.1 Overview
- 12.2 Strengths
- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats

## **13 VALUE CHAIN ANALYSIS**

## **14 PORTERS FIVE FORCES ANALYSIS**

- 14.1 Overview
- 14.2 Bargaining Power of Buyers
- 14.3 Bargaining Power of Suppliers
- 14.4 Degree of Competition
- 14.5 Threat of New Entrants
- 14.6 Threat of Substitutes

## **15 PRICE ANALYSIS**

## **16 COMPETITIVE LANDSCAPE**

- 16.1 Market Structure
- 16.2 Key Players
- 16.3 Profiles of Key Players
  - 16.3.1 GE Healthcare
  - 16.3.2 Philips Electronics Nederland B.V.
  - 16.3.3 Siemens Healthineers



- 16.3.4 FUJIFILM Corporation
- 16.3.5 Analogic Corporation
- 16.3.6 ContextVision AB
- 16.3.7 Dentsply Sirona
- 16.3.8 EOS imaging
- 16.3.9 Esaote S.p.A
- 16.3.10 Fuel 3D Technologies Limited
- 16.3.11 KaVo Dental GmbH
- 16.3.12 Hologic, Inc.
- 16.3.13 Intelrad Medical Systems
- 16.3.14 Planmeca Group
- 16.3.15 Samsung Medison
- 16.3.16 Shimadzu Corporation

## List Of Tables

### LIST OF TABLES

Table 1: Global: 3D Medical Imaging Equipment Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: 3D Medical Imaging Equipment Market Forecast: Breakup by Product (in Million US\$), 2024-2032

Table 3: Global: 3D Medical Imaging Equipment Market Forecast: Breakup by Solution (in Million US\$), 2024-2032

Table 4: Global: 3D Medical Imaging Equipment Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: 3D Medical Imaging Equipment Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 6: Global: 3D Medical Imaging Equipment Market Forecast: Breakup by Deployment (in Million US\$), 2024-2032

Table 7: Global: 3D Medical Imaging Equipment Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 8: Global: 3D Medical Imaging Equipment Market Structure

Table 9: Global: 3D Medical Imaging Equipment Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: 3D Medical Imaging Equipment Market: Major Drivers and Challenges

Figure 2: Global: 3D Medical Imaging Equipment Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: 3D Medical Imaging Equipment Market: Breakup by Product (in %), 2023

Figure 4: Global: 3D Medical Imaging Equipment Market: Breakup by Solution (in %), 2023

Figure 5: Global: 3D Medical Imaging Equipment Market: Breakup by Application (in %), 2023

Figure 6: Global: 3D Medical Imaging Equipment Market: Breakup by Component (in %), 2023

Figure 7: Global: 3D Medical Imaging Equipment Market: Breakup by Deployment (in %), 2023

Figure 8: Global: 3D Medical Imaging Equipment Market: Breakup by Region (in %), 2023

Figure 9: Global: 3D Medical Imaging Equipment Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 10: Global: 3D Medical Imaging Equipment Industry: SWOT Analysis

Figure 11: Global: 3D Medical Imaging Equipment Industry: Value Chain Analysis

Figure 12: Global: 3D Medical Imaging Equipment Industry: Porter's Five Forces Analysis

Figure 13: Global: 3D Medical Imaging Equipment (X-Ray) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: 3D Medical Imaging Equipment (X-Ray) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: 3D Medical Imaging Equipment (Ultrasound) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: 3D Medical Imaging Equipment (Ultrasound) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: 3D Medical Imaging Equipment (MRI) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: 3D Medical Imaging Equipment (MRI) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: 3D Medical Imaging Equipment (CT Scan) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: 3D Medical Imaging Equipment (CT Scan) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: 3D Medical Imaging Equipment (Hybrid Imaging) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: 3D Medical Imaging Equipment (Hybrid Imaging) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: 3D Medical Imaging Equipment (3D Scanning) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: 3D Medical Imaging Equipment (3D Scanning) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: 3D Medical Imaging Equipment (3D Rendering) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: 3D Medical Imaging Equipment (3D Rendering) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: 3D Medical Imaging Equipment (3D Modeling) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: 3D Medical Imaging Equipment (3D Modeling) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: 3D Medical Imaging Equipment (Oncology) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: 3D Medical Imaging Equipment (Oncology) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: 3D Medical Imaging Equipment (Cardiology) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: 3D Medical Imaging Equipment (Cardiology) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: 3D Medical Imaging Equipment (Orthopedics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: 3D Medical Imaging Equipment (Orthopedics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Global: 3D Medical Imaging Equipment (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Global: 3D Medical Imaging Equipment (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Global: 3D Medical Imaging Equipment (Hardware) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Global: 3D Medical Imaging Equipment (Hardware) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Global: 3D Medical Imaging Equipment (Software) Market: Sales Value (in

Million US\$), 2018 & 2023

Figure 40: Global: 3D Medical Imaging Equipment (Software) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Global: 3D Medical Imaging Equipment (Service) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Global: 3D Medical Imaging Equipment (Service) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Global: 3D Medical Imaging Equipment (On-Premise Based Platform) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: Global: 3D Medical Imaging Equipment (On-Premise Based Platform) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Global: 3D Medical Imaging Equipment (Cloud Based Platform) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Global: 3D Medical Imaging Equipment (Cloud Based Platform) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Global: 3D Medical Imaging Equipment (Web Based Platform) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Global: 3D Medical Imaging Equipment (Web Based Platform) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: North America: 3D Medical Imaging Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: North America: 3D Medical Imaging Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Europe: 3D Medical Imaging Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Europe: 3D Medical Imaging Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Asia Pacific: 3D Medical Imaging Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Asia Pacific: 3D Medical Imaging Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Middle East and Africa: 3D Medical Imaging Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Middle East and Africa: 3D Medical Imaging Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Latin America: 3D Medical Imaging Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Latin America: 3D Medical Imaging Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

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