

3D Printing Medical Devices: Global Markets

<https://marketpublishers.com/r/3FF4DFA98E9AEN.html>

Date: July 2024

Pages: 122

Price: US\$ 5,500.00 (Single User License)

ID: 3FF4DFA98E9AEN

Abstracts

Report Scope:

This report provides an overview of the global 3D printing medical devices market and analyzes market trends. It features an updated review of the 3D printing medical devices market, including a breakdown of the market by product segments, technology, sales channel and application. Using 2023 as the base year, the report provides estimated market data for the forecast period 2024 through 2029. Geographical segments include North America (i.e., U.S., Canada, Mexico), Europe (i.e., U.K., Germany, France, Rest of Europe), Asia-Pacific (i.e., Mainland China, Japan, Australia, South Korea, Rest of Asia-Pacific) and the Rest of the World (i.e., South America, Middle East, Africa). The report also focuses on emerging technologies and the vendor landscape. It concludes with profiles of the major players in the market. Please note that within the implants and prosthetics application segment, dental implants are not included, as they are categorized under the dental application segment.

Report Includes:

38 data tables and 53 additional tables

An analysis of the global market for 3D printing (aka additive manufacturing) medical devices

Analyses of global market trends, with market revenue data from 2023, estimates for 2024, forecasts for 2025 and 2026, projected CAGRs through 2029

Estimates of the current market size and revenue prospects, along with a market share analysis based on product segment, technology, application, sales

channel, and region

Facts and figures pertaining to the market dynamics, current and emerging technologies, regulatory scenarios, and the expected impact of macroeconomic factors

Analysis of the global market through the Porter's Five Forces model and a value chain analysis

Review of key patents and new developments in 3D printing medical devices

Overview of sustainability trends and ESG developments in the industry, with a focus on consumer attitudes, companies' ESG score rankings and their ESG practices

An analysis of the industry structure, including companies' market shares, merger and acquisition activity and venture funding

Profiles of the leading companies, including 3D Systems Inc., HP Development Co. L.P., EOS GmbH, Stratasys Ltd., and Materialise

Contents

CHAPTER 1 EXECUTIVE SUMMARY

Market Outlook
Scope of Report
Market Summary

CHAPTER 2 MARKET OVERVIEW

Current Market Scenario
Macroeconomic Factors Analysis
Impact of Inflation and Higher Interest Rates
War Between Israel and Hamas
Exchange Rate Fluctuation in Tax Laws and Regulations
Porter's Five Forces Analysis
Value Chain Analysis
Market Regulations

CHAPTER 3 MARKET DYNAMICS

Overview
Market Drivers
Increasing Use of 3D Printing Across the Healthcare Sector
Rising Government Support for Additive Manufacturing
Increasing Demand for Patient-Specific Customization
Market Restraints
Regulatory Challenges Associated with 3D Printing Medical Devices
Significant Need for Skilled Workforce and Higher Initial Cost
Market Opportunities
Increasing Demand for Organ Transplants
Emergence of CAD/CAM Software and Desktop Printers
Emergence of 4D Printing Technology

CHAPTER 4 EMERGING TECHNOLOGIES AND DEVELOPMENTS

Overview
Key Emerging Technologies and Market Trends
Integration of Artificial Intelligence (AI) and Machine Learning (ML)

Point-of-Care 3D Printed Medical Devices Manufacturing
Evolving Bioprinting Technology
Growing Research & Development Expenditures of Key Players
Technological Advancements and New Product Development
Patent Analysis
Patent Review, by Year

CHAPTER 5 MARKET SEGMENTATION ANALYSIS

Segmentation Breakdown
Market Breakdown, by Product Segment
Hardware and Consumables
Software and Services
Market Breakdown, by Technology
Material Extrusion
Powder Bed Fusion
Vat Polymerization
Material Jetting
Binder Jetting
Direct Energy Deposition
Others
Market Breakdown, by Sales Channel
Direct Sales
OEMs/Medical Device Manufacturers
Market Breakdown, by Application
Medical Prosthetics and Orthotics
Surgical Instruments and Guides
Anatomical Models
Dental
Medical Implants
Others
Geographic Breakdown
Market Breakdown, by Region
North America
Europe
Asia-Pacific
Rest of the World

CHAPTER 6 COMPETITIVE INTELLIGENCE

Overview

Market Ranking of Key Players in the 3D Printing Medical Devices Market
HP Inc.

3D SYSTEMS INC.

EOS GmbH

Stratasys Ltd.

Materialise

Recent Developments

CHAPTER 7 SUSTAINABILITY IN THE 3D PRINTING MEDICAL DEVICES INDUSTRY: AN ESG PERSPECTIVE

Overview

Key ESG Issues Related to 3D Printing Medical Devices

Environmental Issues

Social Issues

Governance Issues

Current Status of ESG in 3D Printing Medical Devices Industry

Environmental Impacts

Social Performance

Governance Performance

ESG Risk Ratings

Concluding Remarks from BCC Research

CHAPTER 8 APPENDIX

Methodology

Abbreviations

References

Company Profiles

3D SYSTEMS INC.

CARBON INC.

CELLINK

EOS GMBH

FABRX LTD.
FORMLABS
GE AEROSPACE (GENERAL ELECTRIC CO.)
HP DEVELOPMENT CO. L.P.
MATERIALISE
NIKON SLM SOLUTIONS AG
PRODWAYS GROUP
PROTO LABS INC.
REGENHU
RENISHAW PLC.
STRATASYS LTD.

List Of Tables

LIST OF TABLES

Summary Table : Global Market for 3D Printing Medical Devices, by Application, Through 2029

Table 1 : 3D Printing Medical Device Regulations and Guidelines, by Region

Table 2 : Trends in Patents Related to 3D Printing Medical Devices, by Year, 2020–2023

Table 3 : Latest Granted Patents, by Inventor or Assignee, 2022–2024

Table 4 : Global Market for 3D Printing Medical Devices, by Product Segment, Through 2029

Table 5 : Global Market for Hardware and Consumables Product Segment in 3D Printing Medical Devices, by Material Type, Through 2029

Table 6 : Global Market for 3D Printing Medical Devices, by Technology, Through 2029

Table 7 : Global Market for 3D Printing Medical Devices, by Sales Channel, Through 2029

Table 8 : Global Market for 3D Printing Medical Devices, by Application, Through 2029

Table 9 : Global Market for 3D Printing Medical Devices, by Region, Through 2029

Table 10 : North American Market for 3D Printing Medical Devices, by Country, Through 2029

Table 11 : North American Market for 3D Printing Medical Devices, by Product Segment, Through 2029

Table 12 : North American Market for Hardware and Consumables Product Segment in 3D Printing Medical Devices, by Material Type, Through 2029

Table 13 : North American Market for 3D Printing Medical Devices, by Sales Channel, Through 2029

Table 14 : North American Market for 3D Printing Medical Devices, by Technology, Through 2029

Table 15 : North American Market for 3D Printing Medical Devices, by Application, Through 2029

Table 16 : European Market for 3D Printing Medical Devices, by Country, Through 2029

Table 17 : European Market for 3D Printing Medical Devices, by Product Segment, Through 2029

Table 18 : European Market for Hardware and Consumables Product Segment in 3D Printing Medical Devices, by Material Type, Through 2029

Table 19 : European Market for 3D Printing Medical Devices, by Sales Channel, Through 2029

Table 20 : European Market for 3D Printing Medical Devices, by Technology, Through 2029

2029

Table 21 : European Market for 3D Printing Medical Devices, by Application, Through 2029

Table 22 : Asia-Pacific Market for 3D Printing Medical Devices, by Country, Through 2029

Table 23 : Asia-Pacific Market for 3D Printing Medical Devices, by Product Segment, Through 2029

Table 24 : Asia-Pacific Market for Hardware and Consumables Product Segment in 3D Printing Medical Devices, by Material Type, Through 2029

Table 25 : Asia-Pacific Market for 3D Printing Medical Devices, by Sales Channel, Through 2029

Table 26 : Asia-Pacific Market for 3D Printing Medical Devices, by Technology, Through 2029

Table 27 : Asia-Pacific Market for 3D Printing Medical Devices, by Application, Through 2029

Table 28 : RoW Market for 3D Printing Medical Devices, by Product Segment, Through 2029

Table 29 : RoW Market for Hardware and Consumables Product Segment in 3D Printing Medical Devices, by Material Type, Through 2029

Table 30 : RoW Market for 3D Printing Medical Devices, by Sales Channel, Through 2029

Table 31 : RoW Market for 3D Printing Medical Devices, by Technology, Through 2029

Table 32 : RoW Market for 3D Printing Medical Devices, by Application, Through 2029

Table 33 : Key Players Ranking in the Global 3D Printing Medical Devices Market, 2023

Table 34 : Key Developments in Global 3D Printing Medical Devices Market, 2022–2024

Table 35 : Environmental Impacts of the 3D Printing Medical Devices Market

Table 36 : Social Impacts of the 3D Printing Medical Devices Market

Table 37 : Governance Impacts of the 3D Printing Medical Devices Market

Table 38 : ESG Risk Ratings of 3D Printing Medical Devices Companies, 2023

Table 39 : Abbreviation Used in the Report

Table 40 : 3D Systems Inc.: Company Snapshot

Table 41 : 3D Systems Inc.: Financial Performance, FY 2022 and 2023

Table 42 : 3D Systems Inc.: Product Portfolio

Table 43 : 3D Systems Inc: News/Key Developments, 2024

Table 44 : Carbon Inc.: Company Snapshot

Table 45 : Carbon Inc.: Product Portfolio

Table 46 : Carbon Inc.: News/Key Developments, 2023 and 2024

Table 47 : CELLINK: Company Snapshot

Table 48 : CELLINK: Product Portfolio

Table 49 : CELLINK: News/Key Developments, 2023
Table 50 : EOS GmbH: Company Snapshot
Table 51 : EOS GmbH: Product Portfolio
Table 52 : EOS GmbH: News/Key Developments, 2023
Table 53 : FabRx Ltd.: Company Snapshot
Table 54 : FabRx Ltd.: Product Portfolio
Table 55 : FabRx Ltd.: News/Key Developments, 2023
Table 56 : Formlabs: Company Snapshot
Table 57 : Formlabs: Product Portfolio
Table 58 : Formlabs: News/Key Developments, 2023 and 2024
Table 59 : GE Aerospace (General Electric Co.): Company Snapshot
Table 60 : GE Aerospace (General Electric Co.): Product Portfolio
Table 61 : GE Aerospace (General Electric Co.): News/Key Developments, 2022
Table 62 : HP Development Co. L.P.: Company Snapshot
Table 63 : HP Development Co. L.P.: Financial Performance, FY 2022 and 2023
Table 64 : HP Development Co. L.P.: Product Portfolio
Table 65 : HP Development Co. L.P.: News/Key Developments, 2024
Table 66 : Materialise: Company Snapshot
Table 67 : Materialise: Financial Performance, FY 2022 and 2023
Table 68 : Materialise: Product Portfolio
Table 69 : Materialise: News/Key Developments, 2023 and 2024
Table 70 : Nikon SLM Solutions AG: Company Snapshot
Table 71 : Nikon SLM Solutions AG: Product Portfolio
Table 72 : Nikon SLM Solutions AG: News/Key Developments, 2023 and 2024
Table 73 : Prodways Group: Company Snapshot
Table 74 : Prodways Group: Financial Performance, FY 2022 and 2023
Table 75 : Prodways Group: Product Portfolio
Table 76 : Prodways Group: News/Key Developments, 2022 and 2023
Table 77 : Proto Labs Inc.: Company Snapshot
Table 78 : Proto Labs Inc.: Financial Performance, FY 2022 and 2023
Table 79 : Proto Labs Inc.: Product Portfolio
Table 80 : Proto Labs Inc.: News/Key Developments, 2023
Table 81 : regenHU: Company Snapshot
Table 82 : regenHU: Product Portfolio
Table 83 : Renishaw plc.: Company Snapshot
Table 84 : Renishaw plc.: Financial Performance, FY 2022 and 2023
Table 85 : Renishaw plc.: Product Portfolio
Table 86 : Renishaw plc.: News/Key Developments, 2023 and 2024
Table 87 : Stratasys Ltd.: Company Snapshot

Table 88 : Stratasys Ltd.: Financial Performance, FY 2022 and 2023

Table 89 : Stratasys Ltd.: Product Portfolio

Table 90 : Stratasys Ltd.: News/Key Developments, 2023 and 2024

List Of Figures

LIST OF FIGURES

Summary Figure : Global Market Shares of 3D Printing Medical Devices, by Application, 2023

Figure 1 : Porter's Five Force Analysis for 3D Printing Medical Devices Market

Figure 2 : Value Chain Analysis for 3D Printing Medical Devices Market

Figure 3 : Dynamics of 3D Printing Medical Devices Market

Figure 4 : Global Market Shares of 3D Printing Medical Devices, by Product Segment, 2023

Figure 5 : Global Market Shares of Hardware and Consumables Product Segment in 3D Printing Medical Devices, 2023

Figure 6 : Global Market Shares of 3D Printing Medical Devices, by Material Type, 2023

Figure 7 : Global Market Shares of 3D Printing Medical Devices, by Technology, 2023

Figure 8 : Global Market Shares of 3D Printing Medical Devices, by Sales Channel, 2023

Figure 9 : Global Market Shares of Direct Sales Channel in 3D Printing Medical Devices, by End User, 2023

Figure 10 : Global Market Shares of 3D Printing Medical Devices, by Application, 2023

Figure 11 : Global Market Shares of 3D Printing Medical Devices, by Region, 2023

Figure 12 : 3D Systems Inc.: Revenue Share, by Business Unit, FY 2023

Figure 13 : HP Development Co. L.P.: Revenue Share, by Business Unit, FY 2023

Figure 14 : HP Development Co. L.P.: Revenue Share, by Country/Region, FY 2023

Figure 15 : Materialise: Revenue Share, by Business Unit, FY 2023

Figure 16 : Materialise: Revenue Share, by Country/Region, FY 2023

Figure 17 : Prodways Group: Revenue Share, by Business Unit, FY 2023

Figure 18 : Proto Labs Inc.: Revenue Share, by Business Unit, FY 2023

Figure 19 : Proto Labs Inc.: Revenue Share, by Country/Region, FY 2023

Figure 20 : Renishaw plc.: Revenue Share, by Business Unit, FY 2023

Figure 21 : Renishaw plc.: Revenue Share, by Region, FY 2023

Figure 22 : Stratasys Ltd.: Revenue Share, by Business Unit, FY 2023

Figure 23 : Stratasys Ltd.: Revenue Share, by Region, FY 2023

I would like to order

Product name: 3D Printing Medical Devices: Global Markets

Product link: <https://marketpublishers.com/r/3FF4DFA98E9AEN.html>

Price: US\$ 5,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/3FF4DFA98E9AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970