

# **US Dental 3D Printing Market Size study, by Technology (Vat Photopolymerization, Polyjet Technology, Fused Deposition Modelling, Selective Laser Sintering, Others), By Application (Orthodontics, Prosthodontics, Implantology), By End Use (Dental Clinics, Dental Laboratories, Academic and Research Institutes), Forecasts 2022-2032**

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## **Abstracts**

US Dental 3D Printing Market is valued approximately at USD 888.04 million in 2023 and is anticipated to grow with a healthy growth rate of more than 21.18% over the forecast period 2024-2032. Dental 3D printing is transforming the dental industry, offering significant advantages for both practitioners and patients. Digitally produced prosthetics provide unmatched precision and comfort over traditional methods. The creation of advanced products like invisible aligners, aesthetically pleasing restorations, and precise positioning solutions has driven the demand for dental 3D printers. The user-friendly and straightforward nature of 3D printing processes has enabled the production of customized dental products tailored to individual needs.. These printers enhance output and significantly reduce fabrication time. Additionally, the digitized workflow streamlines processes, minimizes procedural discomfort, and boosts customer satisfaction in the dental sector. The growing focus on the customization and personalization of dental solutions using 3D printing technology is a key trend for the US Dental 3D Printing Market. Dental practitioners in the United States are using digital workflows to produce surgical guides, aligners, and restorations that are customized to each patient's anatomical requirements.

In addition, the rising integration of digital technologies, such as intraoral scanners, CAD/CAM software, and 3D printing systems, coupled with the consolidation of dental

practices and increased number of dental service organizations are further presenting various growth prospects to the US Dental 3D Printing Market during the estimated period. Also, the market is experiencing rapid growth due to the high purchasing power of the population, a growing geriatric population, favorable reimbursement policies, and robust government support for high-quality healthcare in the United States and Canada. For example, in the U.S., the Patient Protection and Affordable Care Act (PPACA), commonly known as Obamacare, offers accessible and high-quality health insurance options to citizens. Additionally, increasing government initiatives that support research and development in healthcare are driving the adoption of dental 3D printing technologies across the United States. However, stringent regulatory requirements for dental 3D printing products, coupled with the high cost of dental 3D printers is expected to stifle US Dental 3D Printing Market growth between 2022 and 2032.

Major market player included in this report are:

3D Systems Corporation

Stratasys Ltd.

EnvisionTec, Inc.

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Technology

Vat Photopolymerization

Polyjet Technology

Fused Deposition Modelling

Selective Laser Sintering

Others

By Application  
Orthodontics  
Prosthodontics  
Implantology

By End Use  
Dental Clinics  
Dental Laboratories  
Academic and Research Institutes

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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