# Dental 3D Printing Market to worth $17.7 Billion by 2032, Driven by 21% CAGR

Technological Advancements and Rising Demand for Customized Dental Solutions Propel Market Growth, with North America Leading the Charge

AUSTIN, TX, UNITED STATES, February 14, 2025 /EINPresswire.com/ -- According to Research by SNS Insider, The global [Dental 3D Printing Market](#), valued at USD 3.2 billion in 2023, is projected to reach USD 17.7 billion by 2032, growing at a robust CAGR of 21% during the forecast period (2024–2032).
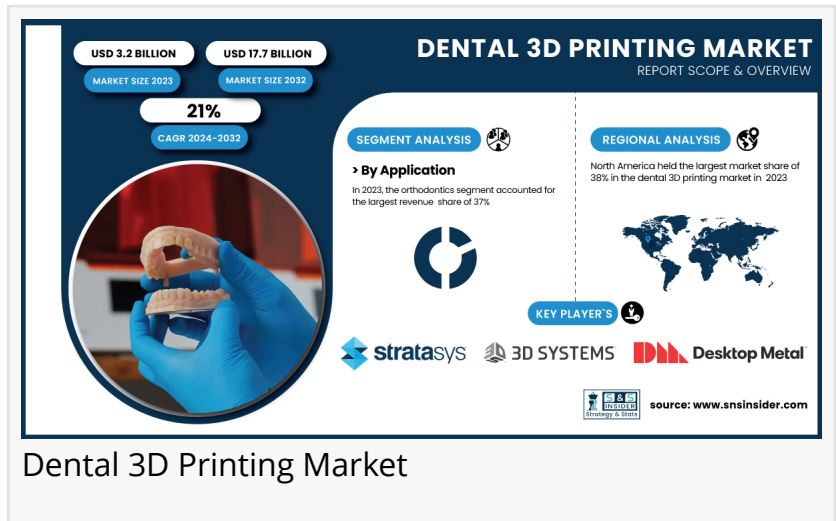
Dental 3D Printing Market

This significant growth is driven by advancements in 3D printing technologies, which are transforming dental procedures by providing faster, more accurate, and cost-effective solutions.

> The dental 3D printing market is revolutionizing oral healthcare by combining precision, efficiency, and customization. With a CAGR of 21%, this technology is set to redefine dental care delivery"
>
> *SNS Insider*

The increasing adoption of 3D printing for the production of dental implants, crowns, and other dental prosthetics is expected to drive market demand. The growing preference for customized dental treatments and the integration of digital workflows in dentistry further contribute to the market's expansion.

Get a Free Sample Report@ https://www.snsinsider.com/sample-request/5534

Segment Highlights

The application segment of dental 3D printing is broad, with orthodontics holding the largest share in 2023 at 37%.

The growth of personalized orthodontic treatments, including clear aligners and customized braces, is driving this segment. 3D printing enables orthodontists to produce extremely precise

models and appliances, which improve treatment results. This precision and customization lead to improved patient experiences and reduced treatment times. While the dominant use is orthodontics, other uses like restorative dentistry, such as crowns, bridges, and dentures, are also major uses in the market. The precision of 3D printing in creating very detailed, patient-specific prosthetics is transforming restorative dental treatment and keeping the dental 3D printing market on a steady growth path for all uses.

Selective Laser Sintering (SLS) continues to be the leading technology in the dental 3D printing market, commanding 38% of the market share in 2023.

SLS technology enables the production of extremely intricate dental components with accuracy and strength. Its versatility in handling a range of materials, such as metals and plastics, makes it perfect for the manufacture of dental implants, prosthetics, and surgical guides. SLS is especially preferred for its high precision, material flexibility, and mass production suitability, guaranteeing the uniformity and quality of every piece. Other technologies, including stereolithography (SLA) and fused deposition modeling (FDM), also play a role in the growth of the market but have not yet overtaken SLS in market share. With increasing demand for strong, complex, and customized dental products, SLS technology is likely to continue its dominance in the industry.

Dental laboratories accounted for 56% of the revenue share in 2023, making them the dominant end-user segment in the dental 3D printing market.

Dental laboratories play an important role in creating personalized dental items like crowns, bridges, dentures, and orthodontic appliances. The use of 3D printing technology in dental labs provides several advantages like quicker production, less waste material, and higher precision in producing dental devices. With the increased demand for personalized dental solutions among patients, dental laboratories are making more use of 3D printing technologies to satisfy these demands. Though dental clinics and hospitals also use 3D printing, dental labs are the major end-users because of their focused expertise in prosthetics and devices and thus are a major driver of the market's growth. The growing use of digital workflows in the labs guarantees their dominance in the market.

Regional Analysis

North America maintained the largest share of the dental 3D printing market in 2023, holding 38% of the market share.

The reason for this domination lies in the superior healthcare infrastructure of the region, the universal uptake of cutting-edge technologies, and the heavy need for personalized dental treatments. The United States is particularly populated with numerous dominant dental 3D printing businesses as well as an excessive density of dental experts that are early adaptors of digital technology. Moreover, increasing interest in cosmetic dentistry as well as dental tourism is also fuelling the region's need for advanced dental services.

The Asia-Pacific is the most rapidly growing market for dental 3D printing, fueled by rising healthcare investments, a rising aging population, and expanding demand for sophisticated dental solutions. China, India, and Japan are witnessing a boom in dental care demand, fueled by a rising middle-class population with improved disposable incomes and a growing emphasis on oral health. Furthermore, regional governments are also initiating policies to enhance digital healthcare, providing a positive climate for the deployment of 3D printing technologies.

Key Players in Dental 3D Printing Market
- Stratasys Ltd. (J5 DentaJet™, TrueDent™)
- 3D Systems, Inc. (NextDent™ 5100, ProJet™ MJP 2500)
- Desktop Metal, Inc. (Flexcera™ Smile Ultra+, Einstein™ Series)
- Formlabs Inc. (Form 3B+, Dental LT Clear Resin)
- Dentsply Sirona Inc. (Primeprint Solution, Lucitone Digital Print™)
- Carbon, Inc. (M Series, KeySplint Soft™)
- EnvisionTEC (now part of Desktop Metal) (Vida HD, E-Dent 100)
- EOS GmbH (EOSINT M 270, Dental CAD/CAM Solutions)
- Roland DG Corporation (DWX-42W, DWX-52D)
- Planmeca OY (Planmeca Creo™ C5, Planmeca DentalCAM)
- SprintRay Inc. (Pro95 S, SprintRay Resin)
- Ultimaker BV (Ultimaker S5, Tough PLA)
- Asiga (MAX UV, PRO 4K)
- GE Additive (Concept Laser Mlab, Arcam EBM Q10plus)
- Sisma S.p.A. (DLP Stereolithography, mysint100)
- Prodways Group (ProMaker LD Series, PLASTCure Dental Series)
- Shining 3D (AccuFab-D1, AutoScan-DS-EX Pro)
- Renishaw plc (AM250, DS30 Dental Scanner)
- Kulzer GmbH (cara Print 4.0, dima Print C&B)

Buy Full Research Report on Dental 3D Printing Market 2024-2032 @ https://www.snsinsider.com/checkout/5534

Table of Contents – Major Key Points

11. Regional Analysis
12. Company Profiles
13. Use Cases and Best Practices
14. Conclusion

Access Complete Report Details @ https://www.snsinsider.com/reports/dental-3d-printing-market-5534

About Us:
SNS Insider is one of the leading market research and consulting agencies that dominates the market research industry globally. Our company's aim is to give clients the knowledge they require in order to function in changing circumstances. In order to give you current, accurate market data, consumer insights, and opinions so that you can make decisions with confidence, we employ a variety of techniques, including surveys, video talks, and focus groups around the world.

Jagney Dave
SNS Insider Pvt. Ltd
+1 315 636 4242
email us here
Visit us on social media:
Facebook
X
LinkedIn
Instagram

This press release can be viewed online at: https://www.einpresswire.com/article/786032956