

Dental 3D Printing - Company Evaluation Report, 2025

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Report description:

The Dental 3D Printing Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Dental 3D Printing. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 230 companies, of which the Top 25 Dental 3D Printing Companies were categorized and recognized as quadrant leaders. The dental 3D printing market is driven by factors such as the rising prevalence of dental diseases, increased demand for cosmetic dentistry, greater adoption of 3D printers in dental clinics, and the expanding geriatric population. This technology helps reduce inventory costs, minimize material wastage, and offers innovative design options for dental professionals. Dental 3D printing also provides benefits such as faster product development, higher quality complex dental parts, and the ability for mass personalization.

The segment's large share also reflects the increasing number of dental laboratories, the expansion of these facilities in developing countries, the rapid adoption of advanced technologies by labs of all sizes, and the rising demand for customized dental frameworks and solutions. North America held the largest regional share of the market in 2024, driven by advanced dental infrastructure, high oral care expenditures, a large geriatric population, high incidence of dental caries, and growing demand for cosmetic dental procedures. Additionally, the strong presence of leading 3D printing companies and rapid adoption of new technologies contribute to the region's market leadership.

The 360 Quadrant maps the Dental 3D Printing companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Dental 3D Printing quadrant. The top criteria for product footprint evaluation included By Product & Service (Services, Materials, Equipment), By Technology (VAT Photopolymerization, Fused Deposition Modeling, Selective Laser Sintering, PolyJet Printing, Other Technologies), By Application (Crowns & Bridges (Temporary), Crowns & Bridges (Final), Dental Models (Removables + Crowns & Bridges), Surgical Guides, Removable Partial Frameworks, Models for Clear Aligners, Partial Dentures, Complete Dentures (Base + Teeth), Other Applications), and By End User (Dental Laboratories, Dental Hospitals & Clinics, Dental Academic & Research Institutes).

Key Players

Key players in the Dental 3D Printing market include major global corporations and specialized innovators such as Stratasys (US and Israel), 3D Systems, Inc. (US), Desktop Metal, Inc. (US), DWS S.r.l. (Italy), Align Technology, Inc. (US), Formlabs (US), Prodways Group (France), Nikon SLM Solutions AG (Germany), Carbon, Inc. (US), Colibrium Additive (a GE Aerospace company) (US), EOS GmbH (Germany), Asiga (Australia), Rapid Shape GmbH (Germany), Roland DGA Corporation (Japan), Dentsply Sirona (US),

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SprintRay Inc. (US), Zortrax (Poland), DETAX Ettlingen (Germany), DMG America (US), 3Dresyns (Spain), Micron Dental (US), ACKURETTA (Taiwan), Carima Co., Ltd. (South Korea), Planmeca OY (Finland), and SHINING 3D (China). These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Stratasys

Stratasys Ltd. is a leading American Israeli manufacturer of 3D printers and materials, specializing in polymer additive manufacturing across a wide range of industries, including aerospace, automotive, healthcare, and consumer goods. The company operates through two core segments: Products and Services, offering a comprehensive portfolio that includes smart, connected 3D printers, a wide array of polymer materials, a robust software ecosystem, and parts-on-demand services.

3D Systems, Inc

3D Systems, Inc. is a global leader in 3D printing solutions, offering a comprehensive portfolio that includes plastic and metal 3D printers, a variety of print materials, on-demand manufacturing services, and end-to-end manufacturing software. Its advanced product offerings cater to diverse industries such as aerospace, automotive, medical, dental, and consumer goods. In the dental space, 3D Systems offers digital solutions through its Dental 3D Printers and Dental Materials subsegments under Healthcare Solutions. These products serve dental labs and clinics, supporting applications in prosthodontics, implantology, and orthodontics.

Formlabs

Formlabs designs and manufactures 3D printers, materials, and accessories specifically for the 3D printing industry. Its dental resins enable the precise in-house digital production of dental products such as surgical guides, orthodontic models, aligners, and retainers. It is recognized as the world's largest supplier of professional stereolithography (SLA) and selective laser sintering (SLS) 3D printers.

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