

Dental 3D Printing Market, 2023-2035: Distribution by Type of Printing Technology (Vat Polymerization Technology, Powder Bed Fusion Technology, Polyjet Technology, Metal Extrusion Technology and Other Technologies), Application Area (Prosthodontics, Orthodontics, Dental Implants and Other Applications), Type of Printing Material (Resins, Plastics, Metals, Ceramics and Other Materials) and Key Geographical Regions (North America, Europe, Asia-Pacific, Latin America, Middle East and North Africa, and Rest of the World): Industry Trends and Global Forecasts, 2023-2035

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Abstracts

The dental 3D printing market is expected to reach USD 2.9 billion in 2023 anticipated to grow at a CAGR of 15.1% during the forecast period 2023-2035.

Additive manufacturing, commonly known as 3D printing, revolutionizes object creation by meticulously layering materials based on computer-generated designs. Its adaptability in crafting intricate models using various materials has found widespread applications across diverse sectors like aerospace, automotive, healthcare, food production, fashion, and manufacturing. Recently, 3D printing has witnessed a significant surge, especially in the dental industry. This surge owes much to the rise of in-house dental 3D printing, the burgeoning digital dentistry landscape, and a soaring market demand for 3D-printed dental products. Integration of this technology in dentistry

presents an advanced solution capable of producing superior-quality dental items with remarkable precision. These encompass a range of products such as crowns, bridges, dentures, surgical guides, and implants. What sets dental 3D printing apart is its efficiency in saving time and proving cost-effective for both patients and dental practitioners.

With the increasing prevalence of dental issues and a rising demand for high-quality dental products, the dental 3D printing market is poised for continuous and robust growth in the foreseeable future.

Report Coverage

The report conducts an examination of the dental 3D printing market, categorizing it by printing technology, application area, printing material type, and major geographical regions.

It analyzes various market factors (such as drivers, restraints, opportunities, and challenges) impacting market growth.

The report evaluates both potential advantages and obstacles within the market, providing insights into the competitive landscape for leading market players.

Forecasts regarding revenue for market segments are provided concerning six primary regions.

An executive summary delivers comprehensive insights from the research, offering a high-level view of the current state and anticipated evolution of the dental 3D printing market in the medium to long term.

An overview of dental 3D printing includes details on utilized technology, its applications in the dental industry, advantages, limitations, and prospects for the future.

A detailed assessment of the market landscape encompasses approximately 230 dental 3D printers, considering various parameters: product types, application areas, printing technologies, processes, materials, printer specifications, and manufacturer details.

Evaluation of product competitiveness involves analyzing supplier power and

competitiveness based on criteria such as printed products, application areas, printing processes, materials, specifications, and pricing.

Comprehensive profiles of notable companies engaged in dental 3D printing present company overviews, details on their dental 3D printer portfolios, recent developments, and future prospects based on selected criteria.

Analysis of partnerships among companies involved in dental 3D printing since 2018, categorized by types and parameters like year, involved players, and regional distribution of collaborations.

A detailed analysis of patents filed or granted related to dental 3D printing since 2019, considering parameters like patent type, publication and application year, geographical location, applicant type, and comparative patent valuation analysis.

Application of Bowman's strategy clock framework to comprehend the pricing strategy of dental 3D printers offered by companies, including their competitive positions in the market. This involves developing an equation to estimate the probable price of dental 3D printers based on their characteristics.

Key Market Companies

3D Systems

Asiga

BEGO

Carbon

Digital Wax Systems (DWS)

Formlabs

Prodways

Rapid Shape

SprintRay

Stratasys

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