

Robotic Dentistry Market Size, Trends, Analysis, and Outlook By Products and Services (Standalone robot, Robot-assisted system and software, Services), By Application (Implantology, Endodontics, Others), By End-User (Dental Hospitals and Clinics, Dental Academic and research institutes), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/R6DAA8AAC526EN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: R6DAA8AAC526EN

Abstracts

The global Robotic Dentistry market size is poised to register 19.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Robotic Dentistry market across By Products and Services (Standalone robot, Robot-assisted system and software, Services), By Application (Implantology, Endodontics, Others), By End-User (Dental Hospitals and Clinics, Dental Academic and research institutes)

In the Robotic Dentistry market, the integration of robotics and automation technologies into dental practice is revolutionizing dental procedures, offering precision, efficiency, and patient comfort. Robotic dentistry encompasses a range of robotic systems and devices, including robotic-assisted surgeries, dental imaging robots, and robotic endodontic systems, aimed at improving clinical outcomes and workflow efficiency for dental professionals. With the growing demand for minimally invasive treatments, personalized care, and digital dentistry solutions, there is a rising need for robotic dentistry technologies that offer enhanced dexterity, visualization, and automation capabilities. Further, advancements in artificial intelligence, augmented reality, and 3D printing are driving market growth by enabling more precise and patient-specific dental interventions. By 2030, the market is poised for significant expansion as dental practices and academic institutions adopt robotic dentistry as a standard of care,

offering patients advanced treatment options and superior clinical outcomes.

Robotic Dentistry Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Robotic Dentistry market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Robotic Dentistry survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Robotic Dentistry industry.

Key market trends defining the global Robotic Dentistry demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Robotic Dentistry Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Robotic Dentistry industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Robotic Dentistry companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Robotic Dentistry industry

Leading Robotic Dentistry companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Robotic Dentistry companies.

Robotic Dentistry Market Study- Strategic Analysis Review

The Robotic Dentistry market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Robotic Dentistry Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Robotic Dentistry industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Robotic Dentistry Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Robotic Dentistry Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing

environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Robotic Dentistry market segments. Similarly, Strong market demand is encouraging Canadian Robotic Dentistry companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Robotic Dentistry market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Robotic Dentistry Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Robotic Dentistry industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Robotic Dentistry market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Robotic Dentistry Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Robotic Dentistry in Asia Pacific. In particular, China, India, and South East Asian Robotic Dentistry markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Robotic Dentistry Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued

urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Robotic Dentistry Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Robotic Dentistry market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Robotic Dentistry.

Robotic Dentistry Market Company Profiles

The global Robotic Dentistry market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are 3Shape A/S, Align Technology Inc, Amann Girrbach, Anatomage Inc, ClaroNav Technologies Inc, Coruo GmbH, Dentistrobot LLC, Dentsply Sirona Inc, Envista Holdings Corp, Image Navigation Ltd, Intuitive Surgical Inc, Neocis Inc, Planmeca Oy, Prodigident Inc, Robodent GmbH, Straumann Group, Titan Surgical Systems Ltd, UEG Medical Group Ltd, Vatech Co. Ltd, X-Nav Technologies LLC.

Recent Robotic Dentistry Market Developments

The global Robotic Dentistry market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Robotic Dentistry Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Products and Services

Standalone robot

Robot-assisted system and software

Services

By Application

Implantology

Endodontics

Others

By End-User

Dental Hospitals and Clinics

Dental Academic and research institutes

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

3Shape A/S

Align Technology Inc

Amann Girrback

Anatmage Inc

ClaroNav Technologies Inc

Coruo GmbH

Dentistrobot LLC

Dentsply Sirona Inc

Envista Holdings Corp

Image Navigation Ltd

Intuitive Surgical Inc

Neocis Inc

Planmecca Oy

Prodigident Inc

Robodent GmbH

Straumann Group

Titan Surgical Systems Ltd

UEG Medical Group Ltd

Vatech Co. Ltd

X-Nav Technologies LLC

Formats Available: Excel, PDF, and PPT

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 - Services

By Application

Implantology

Endodontics

Others

By End-User

Dental Hospitals and Clinics

Dental Academic and research institutes

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3SHAPE A/S

Align Technology Inc
Amann Girschbacher
Anatomage Inc
ClaroNav Technologies Inc
Coruo GmbH
Dentistrobot LLC
Dentsply Sirona Inc
Envista Holdings Corp
Image Navigation Ltd
Intuitive Surgical Inc
Neocis Inc
Planmeca Oy
Prodigident Inc
Robodent GmbH
Straumann Group
Titan Surgical Systems Ltd
UEG Medical Group Ltd
Vatech Co. Ltd
X-Nav Technologies LLC.

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