

Global Robotic Dentistry Market Size study, By Product & Services (Standalone Robots, Robot Assisted Systems, Services), By Application (Implantology, Endodontics, Other Applications) By End-use (Dental Hospitals & Clinics, Dental Academics, Other End-Users) and Regional Forecasts 2022-2032

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Abstracts

Global Robotic Dentistry Market is valued at approximately USD 480 million in 2023 and is anticipated to grow with a healthy growth rate of more than 16.30% over the forecast period 2024-2032. Robotic dentistry refers to the use of robotic systems and technologies in various aspects of dental care and procedures. These systems assist dentists in tasks such as tooth preparation, drilling, cleaning, and surgical procedures. These systems help to improve the precision, efficiency, and outcomes of dental treatments and reduce chances for human error. Furthermore, the rising focus on minimally invasive dental procedures is gaining attention in the Global Robotic Dentistry Market. Robotic systems offer high precision and accuracy in performing dental procedures, which is crucial for minimally invasive techniques that aim to preserve healthy tooth structure while addressing dental issues such as cavities, gum disease, or tooth restoration.

The Global Robotic Dentistry Market is driven by the increasing number of dental disorders and the growing prevalence of oral diseases across the world. Robotic dentistry integrates advanced imaging and computer-aided design technologies, allowing for the customization and personalization of treatment plans. This enables dentists to tailor procedures to the unique anatomy and needs of each patient, resulting in more effective treatments and improved patient outcomes. In addition, robotic

systems in dentistry enable dentists to perform procedures with greater precision and control, allowing for minimally invasive approaches that addresses oral diseases without affecting surrounding tissues. However, the high cost of robotic dentistry systems and the lack of trained professionals is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Robotic Dentistry market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America was the largest regional market in terms of revenue owing to factors such as growing awareness regarding oral health across the region. Oral health awareness campaigns continue to educate the public about the importance of dental care based on advanced dental technologies. Dental practitioners invest in robotic systems attracts patients seeking for oral health care. Whereas, the market in Asia Pacific is expected to develop at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

Dentsply Sirona Inc
Intuitive Surgical Inc
Align Technology Inc
Envista Holdings Corporation
Institut Straumann AG
Vatech Co., Ltd
3Shape A/S
Image Navigation Ltd
Amann Girschbach AG
Titan Surgical Systems Inc

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

By Product & Services

Standalone Robots
Robot Assisted Systems
Services

By Application

Implantology
Endodontics
Other Applications

By End-use

Dental Hospitals & Clinics

Dental Academics
Other End-Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 regional 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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