

Global Advanced Dental Digital and Robotic Solutions Market Size Study, by Product Type (Robotics, Digital Solutions), Application (Implantology, Endodontics, Others), End-user (Hospitals, Clinics, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GB9FE2F8CABDEN.html>

Date: August 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GB9FE2F8CABDEN

Abstracts

The Global Advanced Dental Digital and Robotic Solutions Market is valued at approximately USD 4.40 billion in 2023 and is anticipated to grow with a healthy growth rate of over 7.3% over the forecast period 2024-2032. Advanced digital technologies, such as intraoral cameras, digital radiography, and cone beam computed tomography (CBCT), play a crucial role in the early detection and accurate diagnosis of dental disorders. Key companies are following the latest advanced dental digital and robotic solutions market trends to avail lucrative revenue opportunities. The advanced dental digital and robotic solutions market is witnessing robust growth driven by technological advancements and the surge in demand for precise dental treatments. Digital solutions such as CAD/CAM systems, intraoral scanners, and 3D printers are revolutionizing dental procedures by offering efficient workflows, enhanced accuracy, and customized restorations. Furthermore, the integration of artificial intelligence (AI) algorithms is optimizing treatment planning and diagnostics, leading to improved patient outcomes. Digital imaging technologies, such as cone beam computed tomography (CBCT) and intraoral scanners, have revolutionized the way dentists diagnose and plan treatments.

The rising prevalence of dental disorders, including cavities, periodontal diseases, and dental trauma, presents a significant challenge for dental professionals worldwide. Changes in dietary habits, inadequate oral hygiene practices, and lifestyle choices contribute to the rise in the incidence of dental conditions across people of all ages. This has led to a growth in demand for advanced dental solutions that can effectively address these challenges and improve patient outcomes, driving the market for

advanced dental digital and robotic solutions. However, cost considerations and technological complexities may impede the market growth.

The key regions considered in the study include Asia Pacific, North America, Europe, Latin America, and the Middle East and Africa. North America represents dominating and fastest evolving region within the broader healthcare industry. One of the key drivers of growth is the surge in adoption of digital technologies in dental practices across North America. Digital imaging systems, CAD/CAM systems, intraoral scanners, and 3D printing technologies have become integral tools for diagnosis, treatment planning, and fabrication of dental prosthetics. These technologies offer dentists greater precision, efficiency, and customization, leading to improved clinical outcomes and patient experiences. Robotic solutions are also gaining traction in the North American dental market, particularly in the realm of guided implant surgeries and other complex procedures.

Major market players included in this report are:

Zimmer Biomet Holdings, Inc.

Dentsply Sirona, Inc.

Institut Straumann AG (Straumann Group)

Formlabs, Inc.

Ivoclar Vivadent AG

Carestream Health, Inc.

3D Systems, Inc.

Envista Holdings Corporation

BEGO GmbH & Co. KG

imes-icore GmbH

PLANMECA

VITA North America

Zirkonzahn

Yomi Robotics

Osstem Implant Co., Ltd.

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

By Product Type:

Robotics

Digital Solutions

By Application:

Implantology

Endodontics

Others

By End-user:

Hospitals

Clinics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

ROE

Asia Pacific

China

India

Japan

Australia

RoAPAC

Latin America

Brazil

Mexico

RoLA

Middle East & Africa

South Africa

Saudi Arabia

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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