

Dental Handpieces Market By Complete Handpiece (Speed Handpiece, Electric Handpieces, Surgical Handpieces, Others), By Handpiece Component (Air Turbines, Electric Motors, Others), By End User (Dental clinics, Hospitals, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

The global dental handpieces market was valued at \$1,589.8 million in 2021, and is projected to reach \$2,712.2 million by 2031, registering a CAGR of 5.5% from 2022 to 2031. Dental handpieces are instruments used by dentists to carry out a number of treatments, including endodontics, cavity preparation, crown preparation, and decay removal. The electric motor used in electric dental handpieces is connected to a shaft by gears, and these gears are connected by burs, which is a part that performs actual cutting. A dental drill or handpiece is a hand-held, mechanical instrument used to perform a variety of common dental procedures, including removing decay, polishing fillings, performing cosmetic dentistry, and altering prostheses.

The dental handpieces market is driven by increase in awareness regarding oral hygiene and surge in prevalence of dental disorders. Moreover, one of the key elements driving the market for dental handpieces is the growing geriatric population. As the dentition changes with age, such as the enamel wearing down, the enamel chipping, the emergence of fracture lines, the discoloration of the chipped areas and fracture lines, and the exposure of the dentin, the elderly population is more prone to dental illnesses. Moreover, rise in the number of root canal procedure is anticipated to boost the market growth. According to American Association of Endodontics, in 2021, around 25 million root canal procedures are conducted every year. For instance, according to the World Health Organization (WHO), in 2020, approximately 2.3 billion people were diagnosed with caries of permanent teeth across the globe. In addition, insufficient fluoride is the primary risk factor for dental caries.

Other risk factors for dental caries include, lifestyle modifications, behavioral qualities, dietary habits, socioeconomic standing, and socio-demographic attributes. Thus, changes in lifestyle lead to increase in tooth caries, which in turn drives up the demand for dental handpieces in dental procedures, which is expected to boost the market expansion.

In addition, governments globally have increased the expenditure on the healthcare sector. For instance, according to the Centers

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for Medicare & Medicaid Services, the U.S. healthcare spending grew by 9.7% from 2019 to 2020, reaching \$4.1 trillion (\$12,530 per person). Similarly, as per the Office for National Statistics, total healthcare expenditure in UK accounted for 12.8% of the gross domestic product (GDP) in 2020, as compared to 10.2% in 2019. Furthermore, it has been estimated that approximately 30% of the healthcare expenditure is used in upgrading the healthcare infrastructure, especially medical equipment and material used at public health centers, such as hospitals.

Hence, rise in healthcare expenditure across the globe is expected to fuel the demand for dental handpieces application in dental treatment, thereby boosting the market growth. In addition, improved techniques for canal obturation operations and increased public awareness of dental hygiene are predicted to promote market expansion. Moreover, rise in the number of dental check-up camps and initiative taken by governments to develop healthcare infrastructure are anticipated to boost the market growth. On the other hand, high cost of root canal treatment and limited reimbursements for dental procedures are some factors that are anticipated to restrain the growth of the dental handpieces market. The dental handpieces market is segmented on the basis of complete handpiece, handpiece component, end user, and region. On the basis of complete handpiece, the market is segmented into speed handpiece, electric handpieces, surgical handpieces, and others. Others includes endodontic handpieces and implant handpieces.

The speed handpiece segment is further sub-categorized into high-speed handpiece and low-speed handpiece. By handpiece component, the market is bifurcated into air turbines, electric motors, and others. Others includes handpiece lights, handpiece heads, and handpiece swivels. On the basis of end user, the market is divided into dental clinics, hospitals, and others. Others includes hygienists, specialists, and lab technicians. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. Some of the major companies that operate in the global dental handpieces market include, A-dec Inc., Dentsply Sirona, Bien-Air Dental SA, SciCan Ltd., DENTALEZ, Zimmer Biomet, MTI Dental, MDK CO., LTD., and Premier Dental Co., NSK.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the dental handpieces market analysis from 2021 to 2031 to identify the prevailing dental handpieces market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the dental handpieces market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global dental handpieces market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Complete Handpiece

- Speed Handpiece
- Type
- High Speed Handpiece
- Low Speed Handpiece
- Electric Handpieces
- Surgical Handpieces
- Others

By Handpiece Component

- Air Turbines
- Electric Motors
- Others

By End User

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- Others
- Dental clinics
- Hospitals
- By Region
- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- UK
- Italy
- Spain
- Rest Of Europe
- Asia-Pacific
- China
- Japan
- India
- Australia
- South Korea
- Rest Of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest Of LAMEA
- Key Market Players
- Dentsply Sirona
- SciCan Ltd.
- DENTALEZ
- Zimmer Biomet
- MTI Dental
- MDK CO., LTD.
- Premier Dental Co.
- NSK
- Bien Air Dental SA
- A dec Inc.

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