

Dental Handpieces Market by Product (Air-Driven Handpieces, Electric Handpieces, Hybrid Air-Electric Handpieces), Speed (High-Speed, Low-Speed), End-User (Dental Clinics, Hospitals, and Others), and Region 2024-2032

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Abstracts

The global dental handpieces market size reached US\$ 1.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 2.6 Billion by 2032, exhibiting a growth rate (CAGR) of 4.5% during 2024-2032. The growing prevalence of oral diseases among the masses, rising demand for advanced dental care services, and numerous initiatives to promote oral hygiene represent some of the key factors driving the market.

Dental handpieces are power-driven tools that are used to perform various dental procedures, such as treating tooth decay. They comprise high-speed, low-speed, electric, surgical, endodontic, and implant handpieces. They rely on connectors to get attached to dental unit tubing for receiving water and air. They are mainly manufactured from titanium due to its high durability, lightweight, and resistance against repeated cycles of sterilization. Dental handpieces are powered by electric motors or air turbines to remove old fillings and place new ones. They are used to prepare cavities for restoration or crowns, remove tooth structure and create margins, and section a tooth during surgery. They are combined with diamond burs to grind harder surfaces, such as enamel. As a result, they find extensive applications in hospitals and dental clinics across the globe.

At present, there is a rise in the demand for advanced dental care services, such as cosmetic and laser dentistry, compared to traditional dental services around the world. This, along with the thriving healthcare industry, is offering lucrative growth

opportunities to industry investors. Besides this, governing agencies of several countries are undertaking initiatives to promote oral hygiene, which is currently positively influencing the market. In addition, the rising awareness among oral care specialists and practitioners about the benefits of using dental handpieces is strengthening the growth of the market. Moreover, the growing utilization of electrical dental handpieces to reduce noise levels in clinics compared to air handpieces across the globe is offering a favorable market outlook. Apart from this, there is an increase in the demand for novel computer-aided imaging technology that enables practitioners to prepare precise dental treatments around the world. This, coupled with the increasing occurrence of dental caries due to the high consumption of tobacco, alcohol, an unhealthy diet, and sugary food products, is propelling the growth of the market. Additionally, key manufacturers are investing in research and development (R&D) activities to introduce ceramic bearings and smart coatings for increased grip. In line with this, they are developing dental handpieces with light-emitting diodes (LEDs) to provide light intraorally, which is supporting the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global dental handpieces market, along with forecasts at the global, regional, and country levels from 2024-2032. Our report has categorized the market based on product, speed, and end-user.

Product Insights

Air-Driven Handpieces

Electric Handpieces

Hybrid Air-Electric Handpieces

The report has provided a detailed breakup and analysis of the dental handpieces market based on the product. This includes air-driven, electric, and hybrid air-electric handpieces. According to the report, air-driven handpieces represented the largest segment.

Speed Insights

High-Speed

Low-Speed

A detailed breakup and analysis of the dental handpieces market based on the speed

has also been provided in the report. This includes high-speed and low-speed. According to the report, high-speed dental handpieces accounted for the largest market share.

End-User Insights

Dental Clinics

Hospitals

Others

The report has provided a detailed breakup and analysis of the dental handpieces market based on the end-user. This includes dental clinics, hospitals, and others. According to the report, hospitals hold the largest market share.

Regional Insights

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada), Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others), Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others), Latin America (Brazil, Mexico, and others), and the Middle East and Africa. According to the report, North America was the largest market for dental handpieces. Some of factors driving the North America dental handpieces market are the rising geriatric population, enhanced medical infrastructure, and advancements in preventive and restorative dental treatments.

Competitive Landscape

The report has also provided a comprehensive analysis of the competitive landscape in the global dental handpieces market. Detailed profiles of all major companies have also been provided. Some of the companies covered include A-dec Inc., Bien-Air Dental SA, Dentalez Inc., Dentflex, Dentsply Sirona, J. Morita Corporation, Medidenta International Inc., Nouvag AG, NSK Ltd., Osada Inc., SciCan Ltd. (Coltene Holding AG), Sinol Dental Limited, Ttbio Corporation (Thunder Tiger Corporation), W&H Group, etc. Kindly, note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global dental handpieces market performed so far and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global dental handpieces market?

What are the key regional markets?

Which countries represent the most attractive dental handpieces markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the speed?

What is the breakup of the market based on the end-user?

What is the competitive structure of the global dental handpieces market?

Who are the key players/companies in the global dental handpieces market?

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