

Dental Equipment Market Assessment, By Type [Therapeutic Equipment, Diagnostic Equipment], By Category [Orthodontic Equipment, Prosthodontic Equipment, Periodontic Equipment, Endodontic Equipment, Others], By End-users [Hospitals, Dental Clinics, Others], By Region, Opportunities and Forecast, 2017-2031F

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Abstracts

Global dental equipment market size was valued at USD 8.64 billion in 2023, which is expected to reach USD 14.3 billion in 2031, with a CAGR of 6.49% for the forecast period between 2024 and 2031. Various factors shape the global dental equipment market. These encompass the increasing incidence of dental diseases, the demographic shift towards an aging global population, growing demand for cosmetic dentistry, continuous advancements in dental technology, trend of medical tourism, rising public awareness about oral health, government interventions, rising scope of dental insurance, and educational initiatives on oral hygiene. These combined elements are collectively shaping and driving the global dental equipment market.

Also, advancements in dental technology, encompassing digital imaging, CAD/CAM systems, and 3D printing, continue to transform dental practices on a global scale. With a heightened global concern for oral health, governments and healthcare providers are implementing measures to enhance the accessibility and affordability of dental care.

Specific regions have emerged as focal points for substantial growth in the global dental equipment market. North America, with its robust healthcare infrastructure and widespread adoption of advanced dental technologies, has consistently maintained a leading position. Likewise, Europe is a significant contributor, capitalizing on its

expanding elderly population and a substantial emphasis on dental aesthetics. Countries, such as China and India, characterized by their sizable and progressively prosperous populations, have emerged as pivotal players in driving the escalating global dental equipment market.

Rising Incidence of Dental Diseases

The 2022 WHO's Global Oral Health Status Report highlighted that nearly 3.5 billion individuals worldwide are impacted by oral diseases, with three-quarters of those affected residing in middle-income countries. On a global scale, approximately 2 billion people are dealing with permanent teeth caries, and 514 million children have caries in their primary teeth. Most oral health issues are largely avoidable and can be effectively managed when detected early. These conditions primarily encompass dental caries (commonly known as tooth decay), periodontal diseases, tooth loss, and oral cancers. The prevalence of primary oral diseases continues to surge worldwide, largely attributed to increasing urbanization and shifting living conditions. This trend is primarily attributed to insufficient exposure to fluoride (in water and oral care products like toothpaste), the availability and affordability of high-sugar content foods, and inadequate access to community-based oral healthcare services. Aggressive marketing of sugar-rich food and beverages, as well as tobacco and alcohol, has contributed to increased consumption of products that contribute to oral health issues and other non-communicable diseases which indirectly affect the global dental equipment market.

Technological Advancements

Cutting-edge technological advancements are driving the global dental equipment market, with today's tools and devices differing significantly from traditional counterparts due to their intuitive interfaces and advanced features. Innovations such as digital imaging, CAD/CAM systems, 3D printing, and artificial intelligence have sparked a revolution in dentistry, facilitating more precise diagnostics and less invasive treatments. These breakthroughs augment patient care, rendering more efficient, precise, and comfortable dental procedures. The seamless integration of technology streamlines dental practices and elevates the quality of care, ultimately benefiting dental professionals and the individuals they serve. The ongoing evolution underscores the industry's unwavering commitment to enhancing oral health outcomes.

Government Initiatives

Governments across the globe are proactively assisting dental professionals by

implementing diverse strategies to ease their financial challenges which will benefit the global dental equipment market. A pivotal measure within these efforts is the reduction of taxes on dental equipment. The policy's primary objective is to enhance the affordability and accessibility of essential dental tools and machinery, consequently elevating the quality of dental care services. By reducing the tax burden on these instruments, governments seek to motivate dental practitioners to invest in cutting-edge equipment, ultimately leading to improved patient care and better overall dental health outcomes. It benefits the dental sector and ensures that individuals gain improved access to high-quality dental services, thereby contributing to broader public health and well-being.

In March 2023, the Malaysia government made a noteworthy move by deciding to refer the Ministry of Health's (MoH) plea for tax exemption on dental equipment purchases by private sector dentists to the Ministry of Finance (MoF). If the import duties on dental equipment are decreased, it will undeniably have a positive impact on the financial aspect of acquiring equipment for private dental practitioners, reducing their costs significantly.

Dental Chairs and Delivery System Will Dominate the Market

The global dental equipment market is on a robust growth trajectory, primarily propelled by the integration of cutting-edge technologies into the development and production of dental chairs and delivery systems. These technological breakthroughs have brought about a transformative shift in the dental landscape, benefiting both dental practitioners and patients alike. Modern dental chairs now offer ergonomic designs, increased patient comfort, and the integration of diagnostic tools. Simultaneously, dental delivery systems have evolved to offer precise instrument control, significantly enhancing the efficiency and accuracy of dental procedures. These advancements are enhancing the overall dental experience and are streamlining the clinical workflows, reducing treatment durations, and raising the quality of care provided, thereby fostering the expansion of the global dental equipment market.

In June 2023, A-dec, a manufacturer specializing in dental office furniture and equipment, unveiled a significant innovation in dental equipment. They introduced their pioneering digitally interconnected delivery systems, specifically the A-dec 500 Pro and A-dec 300 Pro platforms, tailored for the North American market. Equipped with A-dec+, the system features an upgradeable software platform that enhances the connectivity in the dental setting, offering the flexibility to incorporate additional services and features as technology advances.

Growing Demand for Periodontic Equipment

The global dental equipment market is experiencing a surge in demand, particularly in the segment dedicated to periodontal equipment. The growth is attributable to the introduction of innovative tools and devices, with a notable focus on dental hygiene equipment. Periodontal health is increasingly recognized as crucial to overall well-being, prompting both dental professionals and patients to prioritize it.

As a result, the market is witnessing a flurry of advanced instruments designed for periodontal care, which range from precision scaling and cleaning tools to diagnostic equipment. The expansion caters to the rising awareness of oral health and elevate the standard of care provided by dental practitioners worldwide. For instance, in January 2023, the dental equipment manufacturer W&H revealed its expansion of the hygiene product lineup. The expansion featured the introduction of the Lexa Plus Class B sterilizer and the technologically advanced Assistina One maintenance device. The Lexa Plus sterilizer, designed for North American market, operates as a pre-vacuum, Class B sterilizer. These additions offer reassurance when it comes to reprocessing and infection prevention in dental practice workflows.

Future Market Scenario

The future of dentistry is moving towards digitization. Innovations in 3D printing, digital imaging, and artificial intelligence are revolutionizing how dental procedures are conducted, leading to more precise diagnoses and minimally invasive treatments. It in turn aligns with a notable shift in patient preferences toward preventive and less invasive dentistry. As individuals are increasingly prioritizing early intervention and conservative approaches to oral healthcare, the demand for equipment supporting these practices is set to rise. Environmental concerns are influencing industry as well, fostering a drive toward eco-friendly, energy-efficient, and recyclable dental equipment. Additionally, the integration of dental equipment with electronic health records (EHR) and government initiatives to improve oral health will play crucial roles in shaping the future of the industry. With a commitment towards enhancing patient care and outcomes, the global dental equipment market is set to adapt and innovate in response to these evolving demands.

Key Players Landscape and Outlook

In the global dental equipment market, leading companies are progressively

establishing strategic alliances to provide premium dental equipment. These partnerships present numerous benefits, such as the consolidation of resources and expertise, facilitating the creation of state-of-the-art dental tools with advanced technology. By uniting their capabilities, these companies can leverage their strengths, bolstering their capacity for innovation and the ability to address the evolving requirements of dental professionals and patients. Furthermore, these collaborative ventures extend their market outreach, ensuring a more extensive availability of high-quality dental equipment worldwide. Ultimately, these partnerships underscore a commitment towards advancing the quality of oral healthcare through innovative and efficient means.

In August 2023, A-dec, a dental equipment manufacturer, unveiled a fresh collaboration with Tehnodent Poka, a dental dealer based in Romania. Both entities are united by their dedication to supplying advanced dental equipment known for its consistent excellence. Through this strategic partnership, A-dec aimed to fortify its presence in the Romanian market in alongside with Tehnodent Poka.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

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