

Global Dental Chairs Market - Focused Insights 2024-2029

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Report description:

The global dental chair market is expected to grow at a CAGR of 4.07% from 2023 to 2029.

MARKET TRENDS & DRIVERS

Integration of Advanced Tools & Technologies with Dental Chairs

The rise in AI in dentistry is no longer behind in the dental chair industry. AI has been essential in revolutionizing dental chair technology in recent years. Vendors shifting towards AI-driven systems are now integrated into dental chairs to analyze patient data and create tailored treatment schedules. Furthermore, revolutionizing remote dental care with tele-dentistry allows video conferences and digital imaging is reshaping dental care. Dental chairs are being shifted toward facilitating remote consultations. In remote areas, this advancement is expected to be highly recognized during general or public health crises, as it has been proven to reduce the need for in-person visits. 3D printing is a game-changing dental chair manufacturing and production revolution, enabling precise and efficient solutions. Also, this tech enables the development of customized components for dental chairs, enhancing their comfort and functionality. Biometric: this tech is incorporated into dental chairs for improved patient security and identification. New features like facial recognition and fingerprints ensure the confidentiality of patients' information and streamline administrative processes. Dental Implant Integration: Dental chairs evolve with advanced dental implant technologies that facilitate the precise positioning required for optimal implants. Advanced programming in dental chairs, such as programmable position, allows seamless adjustment and optimal patient positioning.

Development of Eco-friendly Dental Chairs

The global shift towards sustainability is influencing dental chair design. Advanced and modern dental chairs will likely incorporate sustainable material, indicating a commitment to environmental stewardship. In the dental chair industry, biodegradable products and energy-efficient technologies are becoming the lead standard and are expected to gain high attention. The shift towards eco-friendly dental chairs, a step toward sustainable dentistry, witnessed an emerging trend. The rapid development of this new

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technology in dental chairs underlines the industry's commitment to sustainable dentistry. Recyclable material and energy-efficient structure represent a futuristic step in creating more responsible and ethical dental practices. It reduced environmental impact while maintaining operational excellence. Utilizing a minimum power supply aims to reduce dental practices' carbon footprint. Furthermore, this chair type resonates with environmentally conscious patients, enhancing the reputation of the health setting. Manufacturers of eco-friendly dental chairs look for affordable product prices, functionality, and patient comfort. Reducing water consumption in dental procedures, new dental chairs are witnessed for advanced integrated systems that use water more efficiently or even recycle and purify water for reuse. This technology is expected to increase the adoption of eco-friendly dental chairs in external and mobile dental services. Furthermore, minimalist design is a leading approach that ensures the use of fewer materials without compromising on essential features.

Growing Volume of Dental Surgeries

Dental procedures, including single-tooth implants, whitening, and resin veneers, are becoming more popular. Furthermore, dental bonding, reshaping, straightening, and gum lifts are major dental procedures performed worldwide. The rapidly evolving dentistry world is accelerating the demand for dental procedures where dental chairs are widely used. The American Association of Endodontists 2023 stated that endodontists' treatment increased from 34% to 40% from 2020 to 2023. On the other hand, the patient population increased from 36% to 40% during the same period. The rapid adoption of and increase in acceptability of dental implants as a regular treatment. The growing adoption of dental implant procedures demands advanced dental chairs. New-generation dental chairs are more reliable for dental implant procedures, offering more convenience and comfort for patients and dentists. Also, orthodontics treatment is associated with longer treatment time and several adverse effects where dental chair played a crucial role. The development of advanced dental chairs with more comfort and ergonomics and the integration of advanced tools are accelerating the demand for dental chairs.

INDUSTRY RESTRAINTS

Lower Access for Dental Care in Lower Settings

In lower settings, the unequal access and distribution of oral and dental care and health facilities limit the demand for dental chairs. The WHO stated that the lack of appropriate health facilities to achieve patient requirements in most countries has become a major challenge. It indicates that access to primary oral health services is often low. Furthermore, out-of-pocket dental and oral care costs are leading to the challenge of accessing care. Dental care remains one of the overlooked issues in developing countries. In many LMICs, dental and oral care is an out-of-pocket luxury for most people. Apart from lack of access and infrastructure, workforce shortage is one of the leading challenges. Most developing countries do not have enough dental hygienists, dentists, and dental therapists to meet individual demand. This insufficient workforce often results from inadequate resources, funding for dental education, and the migration of dental professionals to more developed destinations to have more opportunities. Lack of understanding, awareness, and importance of oral and dental care represents poor oral health in lower settings and limits the market growth.

SEGMENT INSIGHTS

INSIGHT BY PRODUCT

The global dental chair market by product type is segmented into electric, non-electric, and hybrid dental chairs. The electric dental chairs segment dominates and has the largest market share. Electric dental chairs are next-generation dental chairs and enable more advanced tools and software integration. Electric dental chairs are most commonly used for oral and dental diseases and surgical procedures. Further, electric chairs are more prominently preferred in dental and oral disease examinations due to their digital tools for patients' data storage and examination. This type of dental chair is mostly used compared to other types.

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Electric chairs are becoming an integral part of modern dentistry. Modern electric dental chairs offer cutting-edge features, patient accessibility, delivery of instruments integration with the latest dental technology advancement, and precise infection control, thus helping the segment's growth.

-□By Product

- o□Electric Dental Chairs
- o□Non-electric Dental Chairs
- o□Hybrid Dental Chairs

INSIGHT BY DESIGN

The global dental chair market by design type is categorized into chair-mounted, ceiling-mounted, and mobile-independent. The chair-mounted segment shows significant growth, with the fastest-growing CAGR during the forecast period. Chair-mounted dental chairs integrate several tools and accessories into the actual chair unit. It reduces the space of the dental unit and offers significant comfort in dental procedures without wasting time. The rising demand for integrating more new tools and accessories is expected to deliver significant segmental growth. Also, this design offers more stability than other designs, which is essential during dental procedures. Dentists look for more comfortable and stable chairs where patients can relax during a procedure without instability. These chairs are developed with chair-mounted light and dental delivery systems, creating a complete operating package. This all-in-one system is highly popular across the global market due to its ease of installation. It reduces wiring and mounting support systems for electrical and utility connections. In addition, some chair-mounted designs are also available with digital screens and cameras, again offering dentists more ease of inpatient operation.

-□By Design

- o□Chair-mounted
- o□Ceiling-mounted
- o□Mobile Independent

INSIGHT BY APPLICATION

The dental prosthetics and surgery segment accounted for the major global dental chair market share. The segment is growing at a healthy rate, and the trend will likely continue during the forecast period. The growing prevalence of dental diseases increases the demand for dental care. Dental prosthetics is a major application that accounts for the higher demand for dental chairs. Alone in the US, more than 16% of the adult population suffer from tooth loss condition, and the majority of them go through dental prosthetics procedures. Dental prosthetics require more stability and a longer time to operate. Dental chairs are the most common and required dental unit in dental care settings where dental prosthetics and surgical procedures are regularly performed. These procedures require adding surgical areas and more treatment stages, with longer treatment periods. These factors accelerate the demand for more sophisticated dental chairs that streamline workflow and hygiene.

-□By Application

- o□Dental Prosthetics & Surgery
- o□Orthodontics
- o□Other Application

INSIGHT BY END-USER

The DSOs end-user segment shows prominent growth, with the highest CAGR during the forecast period. Dental support organizations DSOs offer non-clinical services such as operations, marketing, and connecting affiliated dental practices. DSOs

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have become essential to dental care, supporting dental care entities with more deep knowledge and attention. Furthermore, these entities enable dental practices to grow efficiently, adopt the latest and advanced technologies, and improve dental care. It is a revolutionary concept in the dental industry. These entities focused more on the crucial requirements of patients and excellent dental practices. The number of DSOs and the associated affiliation rate of dentists with DSOs is expected to increase dental practice volume and demand for dental chairs, thus helping the segment's growth.

- By End-users
 - o Dental Clinics
 - o Hospitals
 - o DSOs
 - o Academic Institutes

GEOGRAPHICAL ANALYSIS

The European region dominates the global dental chair market share. The market dominance of Europe is based on the increasing prevalence of oral diseases, the importance of oral hygiene, and dental diseases. Furthermore, increased dental care expenditure, cosmetic dental procedures, and dental procedures are accelerating the market growth. Furthermore, some countries that are increasing dental tourism, such as Hungary, Spain, Serbia, and Croatia, offer lucrative revenue growth opportunities for vendors. The burden of oral and dental disease is increasing, and there is a demand for advanced tools and services across European countries. Dental chairs are essential and most required units in dental clinics. Increasing demand for dental care is expected to deliver significant demand for dental chairs in the region.

By Geography

- North America
 - o The US.
 - o Canada
- Europe
 - o Germany
 - o The UK.
 - o France
 - o Italy
 - o Spain
- APAC
 - o Japan
 - o China
 - o India
 - o Australia
 - o South Korea
- Latin America
 - o Brazil
 - o Mexico
 - o Argentina
- Middle East & Africa
 - o Turkey
 - o South Africa
 - o Saudi Arabia

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COMPETITIVE LANDSCAPE

The global dental chair market report contains exclusive data on 36 vendors. The market is highly fragmented. Large companies dominate the market. However, there are significant growth opportunities for new entrants. Though the market is dominated by major players, many small & mid-sized companies are coming into existence with innovative dental chairs, such as advanced robots and software, privacy & security systems, and fingerprints. A-dec, DentalEZ, Danaher, Dentsply Sirona, Planmeca OY, and Technodent are some leading companies accounting for major market share in the global dental chairs market. These vendors are continuously developing and investing in next-generation dental chair development and are expected to dominate the market with continued engagement in advanced tool integration and technologies.

Key Vendors

- [] A-dec
- [] DentalEZ
- [] Danaher
- [] Dentsply Sirona
- [] Planmeca OY
- [] Technodent

Other Prominent Vendors

- [] Guangzhou Ajax Medical Equipment
- [] Aseptico
- [] KaVo Dental
- [] BPR Swiss
- [] CHIRANA
- [] CHIROMEGA
- [] VIC DENTAL
- [] Dansereau Health
- [] DESIGN SPECIFIC
- [] DIPLOMAT DENTAL
- [] Diaco
- [] DCI Edge
- [] Finndent
- [] E.T.I Dental Industries
- [] Flight Dental Systems
- [] Foshan Gladent Medical Instrument
- [] J. MORITA CORP
- [] MidMark Corporation
- [] OMS
- [] PROMED
- [] Safari Dental
- [] Silverfox Corporation Limited
- [] Simple & Smart
- [] Sinol Dental Limited
- [] Summit Dental Systems

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- TPC Advanced Technology
- DENTIS
- XO CARE

KEY QUESTIONS ANSWERED:

- 1.□How big is the global dental chair market?
- 2.□What are the key drivers of the global dental chair market?
- 3.□What is the growth rate of the global dental chair market?
- 4.□Which region dominates the global dental chair market?
- 5.□Who are the major players in the global dental chair market?

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