

Dental Compressors Market Size, Share & Trends Analysis Report By Type (Dental Lubricated Compressors, Dental Oil-Free Compressors), By Technology, By Application, By Region, And Segment Forecasts, 2023 - 2030

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Abstracts

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Dental Compressors Market Growth & Trends

The global dental compressors market size is expected to reach USD 530.5 million by 2030, registering a CAGR of 5.0% from 2023 to 2030, according to a new report by Grand View Research, Inc. Every dentist's office needs an air compressor for dental procedure purposes. A compressor is a device that draws in outside air and removes moisture through various processes like cooling as well as adsorption and delivers compressed air at the desired pressure.

One of the key factors driving the worldwide dental compressors market is anticipated to be the rising need for dental operations including braces, bonding, bridges & implants, dentures, fillings, and repairs. The rising prevalence of dental problems and technological advancements are the factors likely to drive market demand.

The adoption of cutting-edge technology in dentistry is likely to present profitable growth prospects. Rising technology advancements like AI and ML have significantly increased the market acceptance of new products. Neocis Inc. revealed in January 2020 that 1,000 implantations of its Yomi surgical robotic system had been completed in 2019. Such initiatives are expected to have a positive impact on the market during the forecast period.

The market is expected to grow during the forecast period because of the integration of robotic engineering in dentistry treatments. The market demand is also anticipated to be fueled by a number of initiatives by prominent companies. For instance, in February 2022, Midmark Corp, a recognized provider of dental solutions, announced its cooperation with Bien-Air Dental SA. The venture intends to integrate the renowned dental technologies from the two businesses into a simple care delivery system.

With the advent of the coronavirus, almost every industry was severely affected. Many states in the U.S. passed COVID-19-related restrictions on elective dental operations during these months. Most dental offices were shut down since it is considered an elective and high-contact service. As a result of the COVID-19, dental services were used 75.0% less frequently in March 2020 and 79.0% less frequently in April 2020 compared to the same months in 2019. In addition, there was a problem with the medical devices' supply chain. However, by May 2020, 27 states in the US had approved the opening of dental practices for elective care, and by June, almost 48 states had done the same.

Dental Compressors Market Report Highlights

The type segment is dominated by dental oil-free compressors. The segment is expected to expand at a CAGR of 5.7% from 2023 to 2030. The growth of the segment can be attributed to its lightweight and cheapness

Desiccant-based compressors are anticipated to rule the market during the forecast period, based on technology. This dominance is explained by its capacity to lighten the effort. Desiccant dryers, for example, offer extremely low dew points without the risk of freezing and have low operating costs

The hand pieces segment dominates the dental compressor market in terms of application. The growing prevalence of dental problems and rising utilization rates for operations like teeth cleaning and treating tooth decay are anticipated to significantly contribute to the segmental expansion

North America dominated the global market in 2021. The growth of the region can be attributed to the presence of a strong healthcare infrastructure. In addition, the presence of established players in the region is anticipated to develop industry in the U.S.

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