

# Dental Air Compressors Market to Reach \$555.9 Mn Globally by 2032 at 5.3% CAGR | Gnatus, ELGI, Durr Dental, Kaeser Dental

PORTLAND, HI, UNITED STATES, March 17, 2025 /EINPresswire.com/ -- According to the report, the global [dental air compressors market](#) generated \$340.3 million in 2022, and is anticipated to generate \$555.9 million by 2032, rising at a CAGR of 5.3% from 2022 to 2032.

The rising awareness regarding precision dentistry, the emphasis on patient comfort, and the increase in the number of dental procedures across the globe are the factors expected to drive the growth of the global dental air compressors market in the forecast period from 2023 to 2032. However, contamination and air quality concerns related to dental air compressors may hamper the market growth in the coming future. On the contrary, the dental tourism trend globally and the continuous technological advancements in dental equipment are expected to offer remunerative opportunities for the expansion of the dental air compressors market during the forecast period.

Request Sample of the Report on Dental Air Compressors Market Forecast 2032 - <https://www.alliedmarketresearch.com/request-sample/176646>

Type: Dental Oil-free Sub-segment to Flourish Immensely by 2032

The dental oil-free compressors sub-segment of the global dental air compressors market accounted for the largest share of 66.0% in 2022 and is expected to grow at a highest CAGR of 5.7% during the forecast period. This is mainly due to the growing usage of these compressors in various applications where oil-free air is essential, such as laboratories, medical facilities, electronics manufacturing, and food & beverage industries. They contain advanced filtration systems to remove moisture, particles, and other pollutants from compressed air, which assures a clean and dry air supply.

Technology: Desiccant Based Compressors Sub-segment to be Most Dominant during the Forecast Period

The desiccant based compressors sub-segment accounted for the largest global dental air compressors market share of 70.1% in 2022 and is expected to grow at a CAGR of 5.7% during the forecast period. This is mainly because this technology has the potential to significantly lessen the workload as it has an extraordinary capacity to absorb moisture from the surrounding

air. Desiccant-based compressors help to maintain dry, clean air unlike the traditional oil-lubricated compressors by actively eliminating moisture from the compressed air and assuring a continuous high-quality air supply. This technology prevents the risk of contamination and helps dental practitioners to work with accuracy.

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Application: Hand Pieces Sub-segment to Observe Significant Growth by 2032

The hand pieces sub-segment of the global market accounted for the highest share of 37.9% in 2022 and is projected to witness significant growth during the forecast period. This is mainly owing to the rising popularity of hand pieces because of their superior control and low noise levels. In dental air compressors, hand pieces serve an important part in guaranteeing the efficiency and efficacy of dental operations. In addition, dental hand pieces are responsible for a variety of duties in dental practices, including cleaning, drilling, polishing, and cutting.

Region: North America Market to Hold the Major Market Share by 2032

The dental air compressors market in the North America region accounted for the largest share of 34.1% in 2022 and is predicted to continue to hold majority of market share during the forecast period. This growth is mainly due to the growing healthcare infrastructure in the region. In addition, North America dental air compressor manufacturers have embraced a variety of new technologies to meet the specific demands of the dental care sector. Moreover, the regional market is anticipated to grow due to increasing patient awareness.

For Procurement Information - <https://www.alliedmarketresearch.com/purchase-enquiry/176646>

Leading Players in the Dental air compressors market:

Air TECHNIQUES  
Kaeser Dental  
ELGI  
General Air Products, Inc.  
Slovadent  
Midmark Corporation  
Durr Dental  
Atlas Copco  
Dental EZ Group  
Gnatus

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