

# **Periodontal Polishing Machine Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, By Type (Benchtop, Handheld), By Application (Hospitals, Dental Clinics, Other), By Region and Competition, 2020-2030F**

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## **Abstracts**

Global Periodontal Polishing Machine Market was valued at USD 2.93 Billion in 2024 and is expected to reach USD 3.42 Billion by 2030 with a CAGR of 5.56% during the forecast period. The Periodontal Polishing Machine is a state-of-the-art instrument designed to meticulously clean and polish the surfaces of teeth, particularly focusing on the periodontal area. Its ergonomic design ensures ease of use for practitioners, enabling them to deliver exceptional results while minimizing patient discomfort. Equipped with a range of specialized attachments and adjustable settings, this machine caters to various dental needs, from routine cleanings to more intricate periodontal treatments. The key distinguishing feature of the Periodontal Polishing Machine lies in its ability to achieve a level of precision that surpasses traditional manual polishing methods. By harnessing advanced microabrasion technology, it efficiently removes stains, plaque, and calculus deposits, leaving teeth with a smooth, glossy finish. This not only enhances the aesthetic appeal of the patient's smile but also contributes to their overall oral health and hygiene. Furthermore, the Periodontal Polishing Machine offers distinct advantages in terms of time efficiency. Compared to conventional hand instruments, which may require prolonged manual effort, this automated system significantly reduces treatment durations. This, in turn, allows dental professionals to allocate more time to other critical aspects of patient care, ensuring a comprehensive and holistic approach to oral health. Additionally, the machine's gentle yet effective polishing action minimizes discomfort and sensitivity for patients, making the overall dental experience more comfortable and less anxiety-inducing. This is particularly beneficial for individuals with heightened sensitivities or those undergoing more

extensive periodontal procedures.

## Key Market Drivers

### Growing Prevalence of Oral Diseases is Driving the Global Periodontal Polishing Machine Market

The global dental industry is witnessing a significant surge in the prevalence of oral diseases, ranging from common issues like dental caries to more severe conditions such as periodontal disease. This alarming trend has spurred a heightened demand for advanced dental equipment and technologies, including the Periodontal Polishing Machine. This sophisticated device has emerged as a cornerstone in the fight against oral diseases, offering precise and efficient solutions for dental professionals. In this article, we will delve into the factors driving the Periodontal Polishing Machine market in the face of escalating oral health challenges. Over the past few decades, the prevalence of oral diseases has exhibited a steady upward trajectory worldwide. Factors such as poor oral hygiene practices, dietary habits rich in sugars, and lifestyle choices like tobacco consumption have contributed to this surge. According to the World Health Organization (WHO), nearly 3.5 billion people suffer from oral diseases globally, with severe periodontal conditions affecting approximately 10% of the global population. This mounting burden underscores the urgency for effective and advanced dental care solutions. In this context, the Periodontal Polishing Machine has emerged as a critical tool in combating oral diseases. Its advanced micro abrasion technology allows for precise removal of plaque, stains, and calculus deposits from tooth surfaces. This level of accuracy is challenging to achieve with conventional manual polishing methods. As oral diseases often originate and progress due to plaque accumulation, the Periodontal Polishing Machine plays a pivotal role in preventive care and treatment strategies. The Periodontal Polishing Machine offers a distinct advantage in terms of efficiency, which is paramount in addressing the rising prevalence of oral diseases. Compared to manual polishing techniques, which can be time-consuming and labor-intensive, the automated system streamlines the process. Dental professionals can achieve superior results in less time, allowing them to attend to a larger volume of patients and allocate resources effectively. Furthermore, the prevalence of oral diseases not only poses a public health challenge but also affects individual patients on a personal level. Many individuals experience discomfort, pain, and anxiety associated with dental treatments. The gentle yet effective polishing action of the Periodontal Polishing Machine minimizes patient discomfort, making the overall experience more tolerable. This can significantly improve patient satisfaction and compliance with follow-up treatments, contributing to better long-term oral health outcomes. As the adage goes, prevention is better than cure. The

growing awareness of the importance of preventive dental care is driving the adoption of advanced technologies like the Periodontal Polishing Machine. Dental practices and healthcare facilities are increasingly investing in these machines to offer proactive solutions that not only treat existing oral diseases but also help prevent their onset and progression. Therefore, the Periodontal Polishing Machine stands as a testament to the continuous evolution of dental technology. Its precision, efficiency, and patient-centric approach have elevated the standard of care in periodontal treatments. As this innovative tool continues to redefine dental polishing techniques, it is poised to play an increasingly vital role in the pursuit of optimal oral health for patients around the world.

## Key Market Challenges

### High Cost

The Periodontal Polishing Machine market, while experiencing significant growth, is not without its challenges. One notable obstacle that hampers the widespread adoption of these advanced dental technologies is their high cost. The initial investment required to procure a Periodontal Polishing Machine can be substantial, which can present a financial barrier for some dental practices, particularly smaller, independent clinics or those in economically constrained regions. The capital outlay associated with acquiring a Periodontal Polishing Machine encompasses not only the cost of the machine itself but also additional expenses such as training, maintenance, and potential upgrades. This can pose a considerable financial burden for dental practitioners, especially those who may already be operating on tight budgets. In some cases, the high upfront costs may deter dental professionals from considering the adoption of this advanced technology altogether, potentially limiting their ability to provide the highest standard of care to their patients. Furthermore, the high cost of Periodontal Polishing Machines may lead to increased treatment costs for patients. Dental practices may need to pass on some of the expenses associated with acquiring and maintaining this advanced equipment to their clientele. This can potentially result in higher fees for dental cleanings and procedures, which may be a concern for individuals seeking affordable dental care. Consequently, the cost factor could deter certain patients from seeking treatment or make them more inclined to opt for alternative, less expensive options.

Additionally, the high cost of Periodontal Polishing Machines may contribute to disparities in access to advanced dental care. Larger, well-funded practices or dental institutions affiliated with academic centers may be better equipped to absorb the initial investment required for these machines. In contrast, smaller, independent practices or those in underserved areas may face greater challenges in making such a substantial

financial commitment. This discrepancy in access to advanced dental technologies could potentially lead to disparities in the quality of care provided across different regions and types of dental practices.

## Key Market Trends

### Growing Technological Advancements

Growing technological advancements are significantly bolstering the Periodontal Polishing Machine market, revolutionizing the way dental professionals approach oral care. These advancements encompass a range of factors, from the development of more sophisticated materials to the integration of advanced software and automation features. First and foremost, materials used in the construction of Periodontal Polishing Machines have undergone substantial improvements. Cutting-edge alloys and composites are now employed, ensuring durability, precision, and resistance to wear and tear. This not only extends the lifespan of the machines but also enhances their overall performance, allowing for more consistent and reliable outcomes in dental procedures. Furthermore, the integration of advanced software has paved the way for enhanced functionality and customization. Periodontal Polishing Machines now boast intuitive interfaces and user-friendly controls, enabling dental professionals to tailor treatments to each patient's specific needs. Customizable settings such as speed, pressure, and abrasive intensity contribute to a more personalized and effective polishing process, ensuring optimal results for diverse dental cases. In April 2022, W&H enhanced its product portfolio with the launch of two new rotary polishing systems, the Proxeo Twist and Proxeo Twist Cordless. Designed to offer greater flexibility during prophylaxis and periodontitis treatment, these systems feature uniquely developed Prophy Angle cups, created in collaboration with industry professionals, to optimize the polishing experience.

## Key Market Players

KaVo Dental GmbH

DENTSPLY SIRONA Inc

ACTEON Group

D?RR DENTAL Group

Hu-Friedy Mfg. Co., LLC

Planmeca Group

#### Report Scope:

In this report, the Global Periodontal Polishing Machine Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### Periodontal Polishing Machine Market, By Type:

Benchtop

Handheld

#### Periodontal Polishing Machine Market, By Application:

Hospitals

Dental Clinics

Others

#### Periodontal Polishing Machine Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

South Korea

Australia

Japan

Europe

Germany

France

United Kingdom

Spain

Italy

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Periodontal Polishing Machine Market.

Available Customizations:

Global Periodontal Polishing Machine Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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