

# **Dental Polishing Machine Market Forecasts to 2032 – Global Analysis By Machine Type (Electric Polishing Machine, Handheld Polishing Machine and Other Machine Types), Filling Material (Instrument Polishers, Disposable Polishers and Paste Polishers), Application and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Dental Polishing Machine Market is accounted for \$3.04 billion in 2025 and is expected to reach \$4.99 billion by 2032 growing at a CAGR of 7.3% during the forecast period. A dental polishing machine is a specialized tool used by dentists to polish and smooth teeth, usually following restorative procedures or scaling. These machines effectively remove stains and plaque while improving the teeth's aesthetic appearance by using rotating rubber cups or brushes, frequently in conjunction with polishing paste. Additionally, for making a patient's smile more aesthetically pleasing, dental polishing also helps to maintain oral hygiene by minimizing the accumulation of tartar and plaque. Because of their comfort, accuracy, and efficiency, modern polishing machines are a vital component of both cosmetic and preventive dentistry.

According to the American Dental Association (ADA), national dental expenditures in the United States increased by 2.5% from 2022 to 2023, indicating a growing investment in dental care services and equipment.

Market Dynamics:

Driver:

## Raising knowledge of dental hygiene

The importance of maintaining good oral hygiene has increased as a result of the global emphasis on preventive healthcare. Social media campaigns, dental health awareness initiatives, and educational campaigns are pushing people to prioritize routine dental cleanings and examinations. To remove plaque, stains, and biofilm from the surfaces of teeth, polishing is an essential component of regular dental care. To avoid cavities, gum disease, and other issues related to oral health, dentists are increasingly recommending polishing. Moreover, the need for dental polishing machines has increased in both developed and emerging economies due to the rise in proactive oral hygiene.

### Restraint:

#### Expensive advanced dental equipment

The high initial cost of sophisticated dental polishing equipment, particularly those equipped with more recent technologies like air polishing and ergonomic features, is one of the biggest factors limiting the market. The expense may be unaffordable for small dental clinics or recently opened offices, which would restrict their capacity to improve or broaden their service portfolio. Furthermore, the total cost is also increased by the price of consumables (such as polishing cups or powders), maintenance, and technician training. This financial barrier may slow adoption, especially in rural or developing nations where financial restraints are more common.

### Opportunity:

#### Growing interest in preventive dental care

In the dental field, regular cleanings and maintenance are becoming more popular as global health trends move away from cure and toward prevention. Since dental polishing eliminates plaque, tartar, and stains, it is essential for preventing periodontal diseases. For manufacturers of dental polishing machines, this change offers a significant chance to market their goods as necessary equipment for daily oral hygiene. Moreover, the demand for professional cleanings is being further increased by the fact that governments and insurance companies in many areas are starting to support preventive dentistry through reimbursement policies.

### Threat:

## Intense price wars and market competition

The dental equipment market is getting overrun with both long-standing firms and recent arrivals, particularly from low-cost nations like China and India. Price wars are frequent in the fiercely competitive market environment that has resulted from this. Premium global brands are frequently undercut by low-cost substitutes from local or regional producers, placing pressure on profit margins. Additionally, the commoditization of dental polishing machines due to fierce competition may result in price becoming the primary differentiator, which would eventually lessen incentives for innovation and quality enhancements.

## Covid-19 Impact:

Due to severe lockdowns, increased infection control measures, and extensive disruptions in dental services, the COVID-19 pandemic had a major short-term effect on the dental polishing machine market. Routine and cosmetic dental procedures, like polishing, drastically decreased as a result of dental clinics being closed or restricted to emergency procedures. Patient visits and practitioners' willingness to use such equipment were further decreased by worries about aerosol generation during polishing procedures. With a renewed emphasis on hygiene, preventive care, and investment in cutting-edge, low-aerosol dental technologies, the market started to recover as the pandemic faded, setting up the sector for consistent post-pandemic growth.

The electric polishing machine segment is expected to be the largest during the forecast period

The electric polishing machine segment is expected to account for the largest market share during the forecast period because it is effective, reliable, and appropriate for both general and cosmetic dental procedures. More control, programmable speed settings, and ergonomic designs are features of these machines that improve polishing treatment accuracy and lessen operator fatigue. The increasing need for cutting-edge technologies and high patient throughput further supports their widespread adoption in dental offices, hospitals, and educational institutions. Moreover, electric polishing machines are gaining popularity among professionals as dental offices continue to modernize and put comfort and efficacy first, which is fueling their market dominance.

The disposable polishers segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the disposable polishers segment is predicted to witness the highest growth rate because clinical settings are seeing an increase in demand for convenience, infection control, and single-use effectiveness. Because disposable polishers do not require sterilization between patients, they provide a practical solution to the growing concern among dental professionals for hygiene and the prevention of cross-contamination. Its ready-to-use format improves clinical workflow, cuts down on setup time, and complies with strict patient safety regulations. Additionally, the use of disposable dental instruments has also increased due to increased awareness of the spread of infectious diseases, especially in the wake of COVID-19, which has caused this market segment to grow quickly.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, driven by advanced dental infrastructure, high patient awareness, and strong adoption of preventive and cosmetic dental care, the region enjoys the advantages of a well-established network of hospitals and dental clinics, favorable reimbursement policies, and significant investments in dental technologies. The dominance of North America is also attributed to the presence of key market players and frequent technological innovations. Furthermore, growing demand for aesthetic dental procedures, coupled with a strong emphasis on oral hygiene, continues to fuel market growth in countries such as the United States and Canada.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR because of growing awareness of oral hygiene, rising healthcare costs, and fast urbanization. The demand for cutting-edge dental equipment is being driven by factors such as growing middle-class populations, increased access to dental care services, and an increase in dental tourism in nations like China, India, and Japan. Moreover, government programs to upgrade healthcare facilities and the growing number of foreign producers of dental equipment in the area are driving market expansion. The market's growth throughout Asia-Pacific is further aided by the move toward contemporary dental procedures and an increasing emphasis on aesthetic dentistry.

Key players in the market

Some of the key players in Dental Polishing Machine Market include 3M Company, Dentsply Sirona Inc., Henry Schein, Inc., Cosmedent Inc., Midmark Corporation, A-dec

Inc., KaVo Dental Technologies, LLC, BA International Ltd, GC Corporation, Brasseler USA Dental LLC, Kerr Corporation, Acteon Group, W&H Dentalwerk Burmoos GmbH, Ultradent Product's Inc. and Shofu Dental GmbH.

#### Key Developments:

In March 2025, 3M and Sumitomo Electric Industries, Ltd. announce an assembler agreement enabling Sumitomo Electric to offer variety of optical fiber connectivity products featuring 3M™ Expanded Beam Optical (EBO) Interconnect technology, a high-performance solution to meet scalability needs of next-generation data centers and advanced network architectures.

In March 2025, Dentsply Sirona Inc. has entered into a bridge loan agreement to enhance its financial flexibility. According to InvestingPro data, the company has faced profitability challenges in the past twelve months, making this financial move particularly significant. The company disclosed a 364-day \$435 million term loan agreement with Goldman Sachs Bank USA acting as administrative agent, bookrunner, and lead arranger.

In November 2024, Henry Schein, Inc. announced that it has signed an agreement to acquire Acentus, a national medical supplier specializing in the delivery of Continuous Glucose Monitors (CGMs). The Acentus transaction follows Henry Schein's acquisition of Prism Medical Products, LLC in 2021 and Shield Healthcare and Mini Pharmacy in 2023, reinforcing the Company's strategic commitment to the homecare medical supplies market.

#### Machine Types Covered:

Electric Polishing Machine

Handheld Polishing Machine

Other Machine Types

#### Filling Materials Covered:

Instrument Polishers

Disposable Polishers

Paste Polishers

Applications Covered:

Dentist Clinics

Dental Research Facility

Hospitals

Academic & Research Institutes

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

## Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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