

Dental Sterilization Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global dental sterilization market size reached US\$ 1.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.7 Billion by 2028, exhibiting a growth rate (CAGR) of 7.1% during 2023-2028. The increasing cases of oral health problems, rising aging population, and the growing adoption of cosmetic dentistry represent some of the key factors driving the market.

Dental sterilization refers to the process of eliminating all forms of microorganisms, such as bacteria, viruses, and fungi, from dental instruments and equipment to prevent the spread of infections and diseases. It involves soaking the instruments in a chemical solution, such as glutaraldehyde or hydrogen peroxide, to kill microorganisms. It also relies on dry, steam, and chemical vapor sterilization, ethylene oxide gas (ETO), and chemical sterilant to remove all forms of biological agents. It aids in protecting dental staff from the risk of infection. It is widely used for preventing the transmission of infectious pathogens, ensuring the safety of patients and staff, and streamlining the productivity of dental clinics.

Dental Sterilization Market Trends:

Increasing cases of oral health problems, such as dental caries, periodontal diseases, and tooth decay, on account of sedentary lifestyles and unhealthy dietary patterns currently represent one of the major factors driving the demand for dental sterilization around the world. Moreover, the rising aging population that is more prone to developing these diseases and the growing awareness among individuals about the importance of maintaining regular oral hygiene is influencing the market positively. In

In addition, there is an increase in the preferences for minimally invasive surgeries (MIS) due to their associated benefits. This, coupled with the rising adoption of cosmetic dentistry on account of its numerous advantages, including reducing signs of aging and repairing dental damages caused by trauma, developmental abnormalities, illness, infection, and heredity, is favoring the growth of the market. Apart from this, several initiatives are being undertaken by governing agencies of different countries for organizing informative programs and spreading awareness about the benefits of cleaning and sterilizing dental devices. They are also focusing on maintaining patient safety and preventing the spread of infections. Furthermore, the growing number of dental clinics and hospitals is creating a positive outlook for the market. Besides this, the advent of low-temperature dental sterilization systems that offer expanded instrument capability, shorter cycles, and eco-friendly properties are propelling the growth of the market. Additionally, increasing dental tourism and significant improvements in dental clinics and diagnostics are strengthening the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global dental sterilization market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product and end user.

Product Insights:

Instruments

Sterilization Equipment

Cleaning and Disinfectant Equipment

Packaging Equipment

Consumables and Accessories

Instrument Disinfectants

Surface Disinfectants

Sterilization Indicators

Lubrication and Cleaning Solutions

Sterilization Packaging Accessories

The report has provided a detailed breakup and analysis of the dental sterilization market based on the product. This includes instruments (sterilization equipment, cleaning and disinfectant equipment, and packaging equipment) and consumables and accessories (instrument disinfectants, surface disinfectants, sterilization indicators,

lubrication and cleaning solutions, and sterilization packaging accessories). According to the report, instruments (sterilization equipment, cleaning and disinfectant equipment, and packaging equipment) represented the largest segment.

End User Insights:

- Hospitals
- Dental Clinics
- Dental Laboratories

A detailed breakup and analysis of the dental sterilization market based on the end user has also been provided in the report. This includes hospitals, dental clinics, and dental laboratories. According to the report, dental clinics accounted for the largest market share.

Regional Insights:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia
 - Indonesia
 - Others
- Europe
 - Germany
 - France
 - United Kingdom
 - Italy
 - Spain
 - Russia
 - Others
- Latin America
 - Brazil
 - Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America (the United States and Canada) was the largest market for dental sterilization. Some of the factors driving the North America dental sterilization market included well established dental care facilities, product innovation, government initiatives, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global dental sterilization market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include A-Dec Inc., Danaher Corporation, Dentalez Inc., Dentsply Sirona, Getinge AB, Hu-Friedy Mfg.Co.LLC, Matachana Group, Nakanishi Inc., SciCan Ltd., Takara Belmont, W&H, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report

1. How big is the global dental sterilization market?
2. What is the expected growth rate of the global dental sterilization market during 2023-2028?
3. What are the key factors driving the global dental sterilization market?
4. What has been the impact of COVID-19 on the global dental sterilization market?
5. What is the breakup of the global dental sterilization market based on the product?
6. What is the breakup of the global dental sterilization market based on the end user?
7. What are the key regions in the global dental sterilization market?
8. Who are the key players/companies in the global dental sterilization market?

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