

Ozone Generator Market to Surpass USD 26.03 billion by 2030 owing to Environmental Concerns and Industrial Expansion

Unveiling Nature's Power: Ozone Emerges as Catalyst for Clean Air, Sparked by Energy and Innovation.

AUSTIN, TEXAS, UNITED STATES,
January 31, 2024 /EINPresswire.com/ --

Market Report Scope & Overview of Ozone Generator:

Quoted Reason for Growth: "Increasing demand for efficient wastewater treatment, coupled with industrial growth, propels the [Ozone Generator Market](#) towards a robust future.

According to the SNS Insider report, the Ozone Generator Market, valued at USD 1.05 billion in 2022, is anticipated to reach USD 1.80 billion by 2030. The market is set to grow at a CAGR of 6.87% during the forecast period from 2023 to 2030.



Ozone generators thrive amid industrial expansion and environmental focus, finding diverse applications from water treatment to pandemic-driven hospital sterilization."

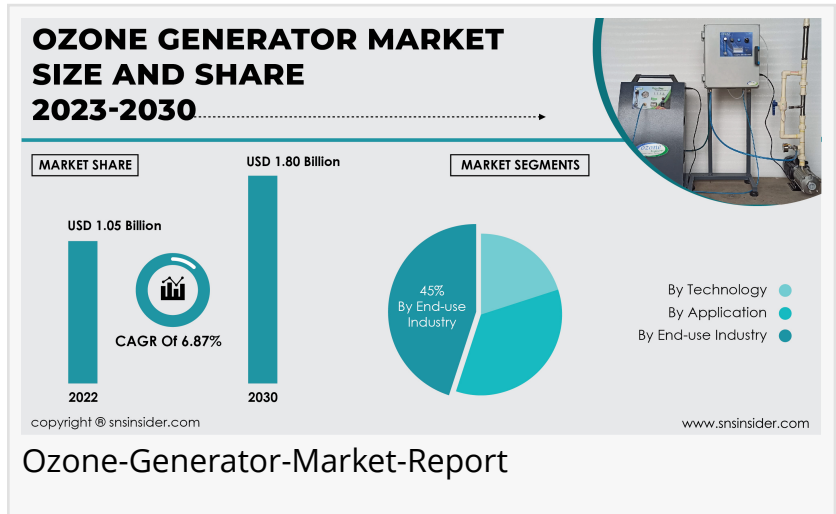
SNS Insider Research

Ozone Generator Market's Sample Report:
<https://www.snsinsider.com/sample-request/2510>

□ Market Report Scope

The Ozone Generator Market is witnessing significant growth fueled by escalating investments in wastewater

treatment facilities. Particularly, the positive outlook towards industrial sector expansion and an increased focus on environmental sustainability are driving market demand. Ozone generators find diverse applications in water sterilization, purification, and de-colorization across water and wastewater treatment plants, packaging units, pools, cooling towers, and more. Notably, China



has witnessed rapid market growth since the early 2000s, mainly driven by the surging demand in the wastewater treatment sector. The industry's growth is further propelled by ongoing efforts to reduce the cost of ozone sensors, making ozone generators more accessible for residential air-cleaning purposes. Moreover, amidst the global pandemic, hospitals are exploring the use of ozone for sterilization, presenting potential opportunities for manufacturers.

However, concerns regarding prolonged exposure to ozone, leading to health and material-related issues, may pose challenges to the market's growth.

□ Market Analysis

The World Health Organization reports a global shortage of safe drinking water, emphasizing the need for advanced wastewater treatment solutions. The concept of a nation-wide loan business model, wherein developed countries or private investors invest in wastewater treatment systems like ozone generators across nations, presents a significant growth opportunity. This model aims to address water scarcity issues and promote public benefit, especially in emerging countries.

□ Growth Factors

The increasing global focus on efficient wastewater treatment is a primary growth factor. With industrialization and urbanization, the volume of wastewater generated has surged, necessitating advanced and sustainable treatment solutions. Ozone generators offer an effective means of water purification and sterilization, addressing the escalating demand for wastewater treatment across various industries.

Growing environmental awareness and concerns about water pollution contribute significantly to the adoption of ozone generators. Ozone is a potent oxidizing agent that can efficiently degrade pollutants in water without leaving harmful residues. The ability of ozone to break down contaminants into harmless byproducts aligns with the increasing emphasis on environmentally friendly and sustainable technologies.

□ Segment Analysis

□ By Application

Water purging dominates the market, with ozone generators widely used for water sterilization, refinement, and de-colorization. Strict regulations and guidelines for water treatment are driving growth in the water purification segment.

□ By Technology

Crown discharge technology holds the largest market share due to its cost-effectiveness and low maintenance advantages.

□ By End-Use Industry

The city and industrial water treatment sector claim the largest market share, utilizing ozone for the sterilization of wastewater in municipal and industrial settings.

□ Key Market Segmentation

□ By Technology

- Corona Discharge
- Ultraviolet Radiation

□ By Application

- Water Purification
- Air Purification

□ By End-use Industry

- Food & Beverages
- Pharmaceutical

□ Key Regional Development

Asia Pacific is expected to witness the highest CAGR from 2022 to 2030. Countries like China, India, and Japan experience rapid industrial and infrastructural growth, attracting investors with favorable government policies and low manufacturing costs. Increasing investments in R&D activities related to wastewater treatment are significant contributors to the ozone generator market's growth in the Asia Pacific region.

□ Key Takeaways

□ Ozone generators play a pivotal role in wastewater treatment, addressing global water scarcity challenges.

□ Growing industrialization in Asia Pacific fuels market expansion, driven by favorable economic factors and governmental support.

□ Health concerns and environmental impact may pose constraints to market growth.

□ Key Players

In the realm of cutting-edge technology and innovation, major influencers include Mitsubishi, Toshiba, Daikin, SUEZ, Ozone Tech Systems, Primozone, EBARA Technologies, Lenntech, DEL Ozone, METAWATER, ESCO International, Oxyzone, Corotec, Ozonetek, and various other players. These industry leaders are paving the way for advancements in their respective domains, shaping the landscape of progress and sustainability. As we delve into the world of key players, it's fascinating to witness the collaborative efforts and groundbreaking solutions emerging from this dynamic collective.

□ Recent Developments

□ In May 2023: Xylem acquired Evoqua Water Technologies, enhancing global water treatment capabilities.

□ In April 2023: saw the launch of Fresh Mouth's ozone generator, promoting oral health by eliminating harmful microorganisms.

Buy the Entire Report of Ozone Generator Market: <https://www.snsinsider.com/checkout/2510>

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