

# **Global Ozone Generator Market Size study & Forecast, by Technology (Corona Discharge, Cold Plasma, Electrolysis, Ultraviolet) by Application (Wastewater Treatment, Air Treatment, Laboratory & Medical Equipment, Others), by End-use (Municipal, Industrial, Commercial, Residential), and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Ozone Generator Market is valued at approximately USD 650.38 million in 2021 and is anticipated to grow with a healthy growth rate of more than 6.9% over the forecast period 2022-2029. Chemical agents and microorganisms that produce odours are destroyed by the extremely reactive oxidant called ozone, which is released by ozone generators. Unlike UV sterilization, which often leaves areas of the environment unsterilized, ozone has the capacity to reach every part of the environment. In the upcoming years, rising expenditures in wastewater treatment facility development and improvement, together with optimistic predictions for the expansion of the industrial sector, are anticipated to drive increasing product demand. It is anticipated that the global water shortage and rising demand for ozone generators from municipal water treatment facilities would drive the growth of the ozone generator market.

According to the World Health Organisation (WHO), 3 in 10 people worldwide are facing a shortage of safe drinking water. This is due to the lack of capital and technology to treat municipal and industrial wastewater. Along with this, US Council on Environmental Quality estimates that 93% or more of those who drink chlorinated water are at increased risk of developing cancer. Trihalomethanes, for example, are hazardous byproducts of chlorination. Ozone is also thought to be 3,000 times more efficient than chlorine in disinfection, according to the Water Pollution Control Federation. Water may

be treated using ozone at a low cost, and it doesn't need to be transported or stored. However, the high cost of Ozone generators stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Ozone Generator Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2021, North America held the biggest market share for ozone generators. Most ozone generators are consumed in North America. The substantial industrial base in the area, particularly in the US, accounts for the huge market share. The increase in population, expanding public knowledge of the benefits and uses of ozone generators, and the strict enforcement of several government rules surrounding water and wastewater treatment are all factors contributing to the market growth in this area. Along with this, Asia-Pacific would have the fastest growth over the projection period. One of the region's biggest environmental problems is water contamination. Poor farming practices, untreated municipal sewage, and the discharge of industrial effluents are some of the causes of pollution in river bodies.

Major market players included in this report are:

SUEZ - Water Technologies & Solutions (France)

Xylem Inc. (US)

Mitsubishi Electric Corporation (Japan)

Ebara Corporation (Japan)

Toshiba Corporation (Japan)

METAWATER Co., Ltd. (Japan)

Industrie De Nora S.p.A. (Italy)

Spartan Environmental Technologies, LLC (US)

MKS Instruments, Inc (US)

Teledyne API, Inc. (US)

Recent Developments in the Market:

In July 2020, Lohja Municipality (Finland) and Ozonotech Systems OTS AB joined to carry out pharmaceutical treatment. The ELY Centre in South Savo, which is a Center for Economic Development, Transport, and the Environment, and the Ministry of Environment both support the proposal. The municipality of Lohja will install cutting-edge treatment technology to halt micropollutant emissions into the atmosphere for the first time in Finland.

Ozonotech Systems OTS AB signed a contract in June 2018 to provide highly advanced AOP-coupled ozone treatment for a landfill cleanup project in Southeast Asia.

Global Ozone Generator Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Application, End-use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study.

The report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and Technology offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Corona Discharge

Cold Plasma

Electrolysis

Ultraviolet

By Application:

Wastewater Treatment

Air Treatment

Laboratory & Medical Equipment

Others

By End-use:

Municipal

Industrial

Commercial

Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

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