

Global Laboratory Gas Generators Market by type (Nitrogen, Hydrogen, Zero Air, Purge Gas, ToC), Application (Gas Chromatography, Liquid Chromatography-Mass Spectrometry, Gas Analyzers, Other Applications), End user (Life Science Industry, Chemical & Petrochemical Industry, Food & Beverage Industry) Regional Forecasting 2020-2027

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Abstracts

Global Laboratory Gas Generators Market was valued at USD 270.7 Million in 2019 and expected to grow with a CAGR 14.2% over the forecast period 2020-2027. Gas cylinders can be replaced with laboratory gas generators. These generators are a much more valuable source because they are stable, have better construction and infrastructure, take up less space, and do not need labour to transport heavy cylinders around the laboratory. Switching mechanisms and long runs of tubing to or from exterior walls are not needed for gas generators. Compared to traditional cylinders, gas generators are more fitting and stable. Increasing R&D spending in target industries and Growing importance of analytical techniques in drug approval processes are driving the market growth in upcoming years. For instance, Pharmaceutical Research and Manufactures of America (PhRMA) members spent USD 83 billion in research and development in 2019, making the biopharmaceutical industry the most R&D-intensive market in the United States. Similarly, , as per European commission, the European Commission's latest Horizon 2020 framework recommended an expenditure allocation for research activities of USD 110.99 billion (EUR 100 billion) from 2021 to 2027. Furthermore, increasing food safety concern also boost the market growth in the forecasting years. Despite that, Reluctance to replace conventional gas supply methods with modern laboratory gas generators is hinder the growth of market over the forecasting period 2020-2027.

The regional analysis of the Laboratory Gas Generators Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. In which, North America is dominating the market and estimated to register the fastest growth in the forecasting years owing to high investments in R&D in the US and Canada, which has led to a higher demand for efficient and advanced laboratory equipment. However, Asia Pacific and Europe also participating in market growth.

Key Players in Global Laboratory Gas Generators Market

Parker Hannifin Corporation

Peakgas

Linde Plc

Nel Asa

PerkinElmer, Inc.

Vici DBS

Angstrom Advanced Inc.

D?rr Group

Erredue S.P.A.

F-DGSI

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, 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, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Nitrogen Gas Generators

Hydrogen Gas Generators

Zero Air Generators

Purge Gas Generators

TOC Gas Generators

Other Gas Generators

By Application:

Gas Chromatography

Liquid Chromatography-Mass Spectrometry
Gas Analyzers
Other Applications

By End Users:

Life Science Industry
Chemical & Petrochemical Industry
Food & Beverage Industry
Other End Users

By Region:

North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy

Asia Pacific

China
India
Japan
Australia

Latin America

Brazil
Mexico
Rest of LA
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019

Forecast period – 2020 to 2027

Target Audience of Global Laboratory Gas Generators Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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