

# **Industrial Oxygen Market: Segmented By Product (Oxygen, Refrigerated Liquid, Nitrogen): By Application (Combustion, Oxidation, Ferment): By End-Use Industries (Chemical, Metal, Cement, Glass, Pharmaceutical, Water Treatment, Others): Global Analysis by Market size, share & trends for 2019-2020 and forecasts to 2030**

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## **Abstracts**

174+ Pages Research Report The Industrial Oxygen Market to surpass USD 19.93 billion by 2030 from USD 9.99 billion in 2020 at a CAGR of 7.15% within the coming years, i.e., 2020-30.

### Product overview

Industrial oxygen is produced by air separation processes. The use of the oxygen wand is primarily based on its oxidizing and life-sustaining properties. Industrial gases are used in different degrees of purity and for a wide variety of purposes, including food gases and medical gases. They can make production processes safer and more profitable and improve product quality. They often help to protect the environment. Some processes and applications would be inconceivable without the chemical properties of gases. Oxygen is one of the most common gases. Among the various applications, the majority of industrial oxygen consumption is in the steel industry, which is 47.56%.

### Market Highlights

The Industrial Oxygen Market is predicted to project a notable CAGR of 7.15% in 2030. Increasing oxygen applications such as refined products, petrochemicals, agrochemicals, polymers, pigments, oleochemicals, and liquid waste are also likely to

drive Industrial Oxygen Market. The unmet demand for mechanical ventilators is forcing biomedical scientists and engineers to develop makeshift of Improvised ventilators using ventilators such as PAPs, manual ventilators, nebulizers, oxygen concentrators, and others, which has been a key factor in the growth of the medical oxygen market recently.

#### Recent News and Developments:

April 2019 Eaton introduced new technologies for China's growing electric vehicle market. More than 60% of the world's electric vehicles are sold in China, and sales in the region are expected to increase as automakers strive to reduce emissions to meet requirements from China's Ministry of Industry and Information.

In April 2021, the French industrial gas giant Air Liquide S.A. announced that it supplies most of its liquid oxygen production to the healthcare sector and plans to import supplies from the Asia-Pacific region

#### Industrial Oxygen Market: Segments

Oxygen segment to grow with the highest CAGR during 2020-2030

The Industrial Oxygen Market is segmented By Product into Oxygen, Refrigerated Liquid, Nitrogen. The Oxygen segment had the highest share of sales in 2020. Its high thermal efficiency-enhancing properties are increasing the Industrial Oxygen Market demand for industrial oxygen. It is used efficiently in the treatment of polluted water and hazardous waste, as well as in the coal gasification process, which therefore helps the application of oxygen in various industries will increase industrial oxygen demand on a large scale in the coming years.

Textile segment to grow with the highest CAGR during 2020-2030

The Industrial Oxygen Market is segmented By the End-User Industry into Chemical, Metal, Cement, Glass, Pharmaceutical, Water Treatment, Others. Increased production of textile products and increasing demand for industrial oxygen can contribute to healthy growth in the Industrial Oxygen Market. Increased uses for pad printing Screen printing and digital printing can drive growth in the ink segment. The use of digital inks in sports and leisure, packaging, and Textile industry can also drive the segment's growth in the Industrial Oxygen Market.

#### Industrial Oxygen Market: Market Dynamics

##### Drivers

Expansion of end-use sectors

The expansion of end-use sectors such as healthcare, chemistry, metalworking and welding, and construction and metallurgy, including the iron and steel industry, is expected to boost Industrial Oxygen Market in the coming years. The aerospace and construction sectors are expected to see a jump in the forecast period.

#### Increasing use of industrial oxygen in the Food and Beverage industry

Industrial gases have long been an integral part of the food and beverage industry. Nitrogen, carbon dioxide, and oxygen are examples of industrial gases in the food and beverage industry. The beverage industry is also used as an additive in food to improve the taste and texture of food. This diverse set of industrial gas applications in the ever-expanding food and beverage industry is expected to fuel the global Industrial Oxygen Market over the forecast period.

#### Restraint

##### Growing Environmental Concerns

Industrial oxygen production uses great amount of electricity and requires large and sophisticated equipment to separate, purify, and store these gases, which represent a threat to the steady growth of the Industrial Oxygen Market.

#### Impact of the COVID-19 on the Industrial Oxygen Market

The growing number of COVID19 patients has increased the demand for oxygen in 2020 and 2021 Demand is expected to increase in the first and second waves of the pandemic The third wave outbreak in certain regions has also boosted health care demand, adding to the negative outlook compensates for oxygen needs in other industries. Given that COVID19 is related to the respiratory syndrome, a significant increase in consumption was observed during the crisis. The negative outlook for the construction sector has also led to a decline in sales of industrial oxygen in the steel welding industry.

#### Industrial Oxygen Market: Key Players

Linde Group

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Air Liquide

Praxair

Air Products and Chemicals

Taiyo Nippon Sanso

Air Water

Messer

Yingde Gases

SOL

Norco

### Industrial Oxygen Market: Regions

Industrial Oxygen Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. The Asia-Pacific region dominated the global Industrial Oxygen Market in 2020 and had the largest market share. The growth of consumer industries in growing economies such as India, China, South Korea, and other Asian countries supported the development of the Industrial Oxygen Market in the Asia-Pacific region. According to the Food and Agriculture Organization of the United Nations, China is the world's largest nitrogen producer with an annual consumption of 44.97 million tons; With an annual consumption of 16.48 million tons, India ranks second. used to make fertilizers. In addition to the above factors, the growth of the pharmaceutical and medical sectors in the Asia-Pacific region has resulted in the region's broad market share in the global Industrial Oxygen Market.

Industrial Oxygen Market is further segmented by region into:

North America Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-United States and Canada

Latin America Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-Mexico, Argentina, Brazil, and Rest of Latin America

Europe market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR- United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Industrial Oxygen Market report also contains analysis on:

Industrial Oxygen Market Segments:

By Product

Oxygen

Refrigerated Liquid

Nitrogen

By Application

Combustion

Oxidation

Ferment

By End-Use Industries

Chemical

Metal

Cement

Glass

Pharmaceutical

Water Treatment

Others

Industrial Oxygen Market Dynamics

Industrial Oxygen Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value chain of the Market

Market Drivers and Restraints

Industrial Oxygen Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 9.99 billion

Revenue forecast in 2030 USD 19.93 billion

Growth Rate CAGR of 7.15% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Basis, Product, Application, End-Use Industries, and Region

Region scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled Linde Group, Air Liquide, Praxair, Air Products and Chemicals, Taiyo Nippon Sanso, Air Water, Messer, Yingde Gases, SOL, Norco

Frequently Asked Questions on the Industrial Oxygen Market

How widely can Industrial Oxygen Market expand?

Who are the key players in the Industrial Oxygen Market?

Which segment is anticipated to hold the largest Industrial Oxygen Market share?

What could be the factors driving the growth of the Industrial Oxygen Market?

What could be the exigent factors in the growth of the Industrial Oxygen Market?







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### Consultant Recommendation

\*\*The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

## I would like to order

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