



acquisitions and mergers within the sector are likely to provide significant changes for the industry's key players, resulting in increased global market growth.

#### Global Specialty gas: Segments

Carbon segment to grow with the highest CAGR during 2020-30

Global Specialty Gas market is segmented by type into Ultra-high purity, noble, carbon, halogen, and others. Carbon segment held the largest market share in the year 2020 owing to rising demand from a variety of end-use industries, including manufacturing, electronics, healthcare, and chemicals, as well as expanding application scope for analytical applications and instrument calibration. The business is expected to develop due to rising demand for noble gas from the industrial and electronics industries.

Healthcare segment to grow with the highest CAGR during 2020-30

Global Specialty Gas market is divided by application into Manufacturing, Electronics, Healthcare, Institutional, and others. Over the forecast period, the Healthcare segment is projected to expand at the fastest pace. The industry's growth is being driven by rising preference in the healthcare sector due to an improved rate of applicability in medical applications. In 2020, the manufacturing sector accounted for the second-largest share of global demand. The substantial share is due to the big manufacturing industry's need for ultra-high purity and other specialized gases for specific applications.

#### Market Dynamics

##### Drivers

Optimized performance and demand for solar cells

Due to the abundance of benefits, it delivers, such as yield enhancement, cost reduction, and performance optimization, the worldwide specialty gas market is predicted to develop significantly throughout the forecast period. Specialized applications of specialty gases in sectors such as electronics, manufacturing, biotechnology, academics, automotive, healthcare, and semi-conductors have led to an increase in demand for specialty gases, resulting in market growth over the projection period. In addition, the global specialty gas market is predicted to develop due to rising demand for specialty gas in applications such as plasma display panels and solar cells over the forecast period.

Rise in health sector and rising environmental concern

Furthermore, the global health sector's growth, combined with a major ageing demographic structure, is predicted to boost the global market's growth over the forecast period. Additional factors driving the global market's growth include rising environmental consciousness and demand for bio-based products, increased demand from the food and beverage sector, chemical industry, and increased application in the manufacturing of thermal windows, among others.

### Restraint

#### Increased regulation and market penetration

Increasing regulations and constraints on specialty gas production and quality control, as well as the danger of specialized gas replacements, are likely to have a limited impact on the global specialty gas market's growth. Furthermore, market penetration is a hurdle for many businesses in the specialty gas industry, which may have an impact on the worldwide market's growth over the projection period.

### Global Specialty gas: Key Players

#### Linde plc

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

#### Air Liquide International S.A.

#### Messer Group GmbH

#### Air Products and Chemicals, Inc.

#### Weldstar, Inc.

#### Mesa Specialty Gases & Equipment

#### Norco Inc.

#### Taiyo Nippon Sanso Corporation

#### Showa Denko K.K

#### Other Prominent Players

### Global Specialty gas: Regions

Global Specialty Gas market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. The market for Specialty gas is dominated by North America because of the rising healthcare sector, the North American industry is currently leading the global market for the projection period. Due to rising demand from end-use sectors such as automotive, manufacturing, and healthcare, the Asia Pacific market is predicted to develop at the quickest rate during the forecast period. Over the forecast period, China

is expected to dominate the Asia Pacific specialty gas market.

Global Specialty gas 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

Global Specialty gas report also contains analysis on:

Specialty gas Segments:

By Type

Ultra-high Purity

Noble

Carbon

Halogen

Other

By Application

Manufacturing

Electronics

Healthcare

Institutional

Other

Specialty gas Dynamics

Specialty gas Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Specialty gas Market Report Scope and Segmentation

## Report Attribute Details

Market size value in 2020 USD 10.6 billion

Revenue forecast in 2030 USD 19.2 billion

Growth Rate CAGR of 8.1% 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 Type, end-user and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Linde plc, Air Liquide International S.A., Messer Group GmbH, Air Products and Chemicals, Inc., Weldstar, Inc., Mesa Specialty Gases & Equipment, Norco Inc., Taiyo Nippon Sanso Corporation, Showa Denko K.K and Other Prominent Players

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL SPECIALTY GAS MARKET**

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

### **3. RESEARCH METHODOLOGY**

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

### **4. AVERAGE PRICING ANALYSIS**

### **5. MACRO-ECONOMIC INDICATORS**

### **6. MARKET DYNAMICS**

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

### **7. CORRELATION & REGRESSION ANALYSIS**

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

### **8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE**

### **9. RISK ANALYSIS**

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

## **10. GLOBAL SPECIALTY GAS MARKET ANALYSIS**

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

## **11. GLOBAL SPECIALTY GAS MARKET**

11.1. Market Size & forecast, 2020A-2030F

11.1.1. By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

11.1.2. By Volume (Million Units) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

## **12. GLOBAL SPECIALTY GAS MARKET: MARKET SEGMENTATION**

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2. By Type : Market Share (2020-2030F)

12.2.1. Ultra-high Purity, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.2. Noble, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.3. Carbon, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.4. Halogen, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2.5. Other, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3. By Application: Market Share (2020-2030F)

12.3.1. Manufacturing, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.2. Electronics, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.3. Healthcare, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.4. Institutional, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.3.5. Other, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

## **13 COMPANY PROFILE**

13.1. Linde plc

13.1.1. Company Overview

13.1.2. Company Total Revenue (Financials)

13.1.3. Market Potential

13.1.4. Global Presence

13.1.5. Key Performance Indicators

13.1.6. SWOT Analysis

13.1.7. Product Launch

13.2. Air Liquide International S.A.

13.3. Messer Group GmbH

13.4. Air Products and Chemicals, Inc.

13.5. Weldstar, Inc.

13.6. Mesa Specialty Gases & Equipment'

13.7. Norco Inc.

13.8. Taiyo Nippon Sanso Corporation

13.9. Showa Denko K.K

13.10. Other Prominent Players

## **14 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

Product name: Specialty gas Market: Segmented by Type (Ultra-high purity, noble, carbon, halogen and other), By Application (Manufacturing, Electronics, Healthcare, Institutional and others), and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

Product link: <https://marketpublishers.com/r/SB526E77C229EN.html>

Price: US\$ 5,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SB526E77C229EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970