

Krypton Gas Market Size, Share and Growth Analysis Report - Forecast Trends and Outlook (2025-2034)

Market Report | 2025-08-12 | 167 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global krypton gas market was valued at USD 65.01 Million in 2024 and is expected to grow at a CAGR of 2.38% during the forecast period of 2025-2034 to reach a value of USD 82.25 Million by 2034. The market is driven by rising demand for energy-efficient insulation and specialty lighting systems, especially in high-performance architectural glazing.

Key Insights and Trends:

- The Asia Pacific krypton gas market is expected to register 2.66% CAGR over the forecast period.
- By country, the India krypton gas market is anticipated to register a CAGR of 3.40% over the forecast period.
- By function, illumination is expected to grow at a CAGR of 2.71% over the forecast period.
- By application, the R&D category is expected to grow at a CAGR of 2.92% over the forecast period.

Market Size & Forecast:

- Market Size in 2024: USD 65.01 Million
- Projected Market Size in 2034: USD 82.25 Million
- CAGR from 2025 to 2034: 2.38%
- Dominant Regional Market: Asia Pacific

Growing Government Initiatives to Aid the Market Growth of Krypton Gas

Region-wise, Europe is significantly contributing, in terms of production, to the krypton gas industry globally. This could be attributed to the growing government initiatives and rising growth of the building and construction sector in the region, which are propelling the growth of sustainable buildings over the forecast period. Europe is followed by North America and the Asia Pacific.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The Asia Pacific region is being driven by the increasing demand from the semiconductor sector , which is led by rapid technological innovations and rising demand for chips in the artificial intelligence industry in the region. Further, the krypton gas is widely used in the production of excimer laser, consequently fueling the demand for krypton gas in the forecast period.

Krypton Gas: Market Segmentation

Krypton gas is a rare gas found in extremely low concentrations in air. It is produced via Linde process of air separation. Krypton gas, owing to its physical properties, accumulates with xenon which is present in the liquid oxygen at the base of the rectification column. It exhibits high insulating properties and high rate of heat dissipation on its usage in energy-efficient windows.

On the basis of function, the market is bifurcated into:

- Illumination
- Insulation

Based on application, the industry can be segmented into:

- Lighting
- Glass Windows
- Laser
- R & D
- Others

The regional markets for the product include:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising R&D Activities to Aid the Market Growth of Krypton Gas

The market growth for krypton gas is being driven by the growing demand for oxygen due to the rising number of patients requiring ventilators has rapidly increased in the wake of the COVID-19 outbreak. In addition, hospitals and governments across the globe are anticipating an increase in the COVID cases; therefore such institutions are building up inventories to prevent shortages in the forecast period, which is expected to propel the market growth of krypton gas. Further, the rising R&D activities to develop new technologies for the production of krypton gas globally is predicted to generate new opportunities for the krypton gas industry over the forecast period.

However, the market for krypton gas is anticipated to witness obstruction due to the rise in the adoption of LED lamps in the lighting industry which will negatively affect the market growth of incandescent lamps with krypton gas over the coming years.

Key Industry Players in the Global Krypton gas Market

The report gives a detailed analysis of the following key players in the global krypton gas market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

turnarounds:

- Air Liquide UK Ltd
- Linde plc
- Air Products Inc.
- Praxair Technology, Inc.
- Messer Group GmbH
- Proton Gases (India) Private Limited
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Krypton Gas Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Krypton Gas Historical Market (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.3 Global Krypton Gas Market Forecast (2025-2034)

5.4 Global Krypton Gas Market by Function

5.4.1 Illumination

5.4.1.1 Historical Trend (2018-2024)

5.4.1.2 Forecast Trend (2025-2034)

5.4.2 Insulation

5.4.2.1 Historical Trend (2018-2024)

5.4.2.2 Forecast Trend (2025-2034)

5.5 Global Krypton Gas Market by Application

5.5.1 Lighting

5.5.1.1 Historical Trend (2018-2024)

5.5.1.2 Forecast Trend (2025-2034)

5.5.2 Glass Windows

5.5.2.1 Historical Trend (2018-2024)

5.5.2.2 Forecast Trend (2025-2034)

5.5.3 Laser

5.5.3.1 Historical Trend (2018-2024)

5.5.3.2 Forecast Trend (2025-2034)

5.5.4 R & D

5.5.4.1 Historical Trend (2018-2024)

5.5.4.2 Forecast Trend (2025-2034)

5.5.5 Others

5.6 Global Krypton Gas Market by Region

5.6.1 North America

5.6.1.1 Historical Trend (2018-2024)

5.6.1.2 Forecast Trend (2025-2034)

5.6.2 Europe

5.6.2.1 Historical Trend (2018-2024)

5.6.2.2 Forecast Trend (2025-2034)

5.6.3 Asia Pacific

5.6.3.1 Historical Trend (2018-2024)

5.6.3.2 Forecast Trend (2025-2034)

5.6.4 Latin America

5.6.4.1 Historical Trend (2018-2024)

5.6.4.2 Forecast Trend (2025-2034)

5.6.5 Middle East and Africa

5.6.5.1 Historical Trend (2018-2024)

5.6.5.2 Forecast Trend (2025-2034)

6 North America Krypton Gas Market Analysis

6.1 United States of America

6.1.1 Historical Trend (2018-2024)

6.1.2 Forecast Trend (2025-2034)

6.2 Canada

6.2.1 Historical Trend (2018-2024)

6.2.2 Forecast Trend (2025-2034)

7 Europe Krypton Gas Market Analysis

7.1 United Kingdom

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.1.1 Historical Trend (2018-2024)
- 7.1.2 Forecast Trend (2025-2034)
- 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
- 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 Asia Pacific Krypton Gas Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Krypton Gas Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Krypton Gas Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
- 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 Air Liquide UK Ltd
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 Linde plc
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 Air Products Inc.
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 Praxair Technology, Inc.
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio
 - 13.5.4.3 Demographic Reach and Achievements

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.5.4.4 Certifications
- 13.5.5 Messer Group GmbH
 - 13.5.5.1 Company Overview
 - 13.5.5.2 Product Portfolio
 - 13.5.5.3 Demographic Reach and Achievements
 - 13.5.5.4 Certifications
- 13.5.6 Proton Gases (India) Private Limited
 - 13.5.6.1 Company Overview
 - 13.5.6.2 Product Portfolio
 - 13.5.6.3 Demographic Reach and Achievements
 - 13.5.6.4 Certifications
- 13.5.7 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Krypton Gas Market Size, Share and Growth Analysis Report - Forecast Trends and Outlook (2025-2034)

Market Report | 2025-08-12 | 167 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-06"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com