

# Global Ion Implantation Gas Market Growth 2022-2028

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## Abstracts

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The ion implanted gas is injected onto the wafer surface as a impurity gas. The most microstructure of integrated circuit is formed by PN structure, which is P type area and N type area respectively. The main manufacturing step to form the P-type region and N-type region is ion implantation.

The global market for Ion Implantation Gas is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Ion Implantation Gas market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Ion Implantation Gas market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Ion Implantation Gas market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Ion Implantation Gas market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Ion Implantation Gas players cover Linde, Iceblick, Entegris, Showa Denko and Solvay, etc. In terms of revenue, the global largest two companies occupy a share

nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Ion Implantation Gas market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Ion Implantation Gas market, with both quantitative and qualitative data, to help readers understand how the Ion Implantation Gas market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

## Market Segmentation:

The study segments the Ion Implantation Gas market and forecasts the market size by Type (Sulfur Hexafluoride, Xenon and Phosphine), by Application (Integrated Circuits, Display Panels, Solar Cell and Medical Care), and region (APAC, Americas, Europe, and Middle East & Africa).

### Segmentation by type

Sulfur Hexafluoride

Xenon

Phosphine

Others

### Segmentation by application

Integrated Circuits

Display Panels

Solar Cell

Medical Care

Fiber Cable

Others

## Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Linde

Iceblick

Entegris

Showa Denko

Solvay

Air Liquide

Air Products

Taiyo Nippon Sanso

Chromium

Messer Group

Air Water

Coregas

Kanto Denka Kogyo

Concorde Specialty Gases

Matheson Tri-Gas

Huate Gas

Kemeite (Yoke Technology)

Haohua Chemical Science & Technology

Jinhong Gas

Linggas

Jiangsu Nata Opto-electronic Material

Zibo Feiyuan Chemical

Yongjing Technology

Chapter Introduction

Chapter 1: Scope of Ion Implantation Gas, Research Methodology, etc.

Chapter 2: Executive Summary, global Ion Implantation Gas market size (sales and

revenue) and CAGR, Ion Implantation Gas market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Ion Implantation Gas sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Ion Implantation Gas sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Ion Implantation Gas market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Linde, Iceblick, Entegris, Showa Denko, Solvay, Air Liquide, Air Products, Taiyo Nippon Sanso and Chromium, etc.

Chapter 14: Research Findings and Conclusion

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Ion Implantation Gas Annual Sales 2017-2028
  - 2.1.2 World Current & Future Analysis for Ion Implantation Gas by Geographic Region, 2017, 2022 & 2028
  - 2.1.3 World Current & Future Analysis for Ion Implantation Gas by Country/Region, 2017, 2022 & 2028
- 2.2 Ion Implantation Gas Segment by Type
  - 2.2.1 Sulfur Hexafluoride
  - 2.2.2 Xenon
  - 2.2.3 Phosphine
  - 2.2.4 Others
- 2.3 Ion Implantation Gas Sales by Type
  - 2.3.1 Global Ion Implantation Gas Sales Market Share by Type (2017-2022)
  - 2.3.2 Global Ion Implantation Gas Revenue and Market Share by Type (2017-2022)
  - 2.3.3 Global Ion Implantation Gas Sale Price by Type (2017-2022)
- 2.4 Ion Implantation Gas Segment by Application
  - 2.4.1 Integrated Circuits
  - 2.4.2 Display Panels
  - 2.4.3 Solar Cell
  - 2.4.4 Medical Care
  - 2.4.5 Fiber Cable
  - 2.4.6 Others
- 2.5 Ion Implantation Gas Sales by Application
  - 2.5.1 Global Ion Implantation Gas Sale Market Share by Application (2017-2022)
  - 2.5.2 Global Ion Implantation Gas Revenue and Market Share by Application

(2017-2022)

2.5.3 Global Ion Implantation Gas Sale Price by Application (2017-2022)

### **3 GLOBAL ION IMPLANTATION GAS BY COMPANY**

3.1 Global Ion Implantation Gas Breakdown Data by Company

3.1.1 Global Ion Implantation Gas Annual Sales by Company (2020-2022)

3.1.2 Global Ion Implantation Gas Sales Market Share by Company (2020-2022)

3.2 Global Ion Implantation Gas Annual Revenue by Company (2020-2022)

3.2.1 Global Ion Implantation Gas Revenue by Company (2020-2022)

3.2.2 Global Ion Implantation Gas Revenue Market Share by Company (2020-2022)

3.3 Global Ion Implantation Gas Sale Price by Company

3.4 Key Manufacturers Ion Implantation Gas Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Ion Implantation Gas Product Location Distribution

3.4.2 Players Ion Implantation Gas Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR ION IMPLANTATION GAS BY GEOGRAPHIC REGION**

4.1 World Historic Ion Implantation Gas Market Size by Geographic Region (2017-2022)

4.1.1 Global Ion Implantation Gas Annual Sales by Geographic Region (2017-2022)

4.1.2 Global Ion Implantation Gas Annual Revenue by Geographic Region

4.2 World Historic Ion Implantation Gas Market Size by Country/Region (2017-2022)

4.2.1 Global Ion Implantation Gas Annual Sales by Country/Region (2017-2022)

4.2.2 Global Ion Implantation Gas Annual Revenue by Country/Region

4.3 Americas Ion Implantation Gas Sales Growth

4.4 APAC Ion Implantation Gas Sales Growth

4.5 Europe Ion Implantation Gas Sales Growth

4.6 Middle East & Africa Ion Implantation Gas Sales Growth

### **5 AMERICAS**

5.1 Americas Ion Implantation Gas Sales by Country



- 5.1.1 Americas Ion Implantation Gas Sales by Country (2017-2022)
- 5.1.2 Americas Ion Implantation Gas Revenue by Country (2017-2022)
- 5.2 Americas Ion Implantation Gas Sales by Type
- 5.3 Americas Ion Implantation Gas Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Ion Implantation Gas Sales by Region
  - 6.1.1 APAC Ion Implantation Gas Sales by Region (2017-2022)
  - 6.1.2 APAC Ion Implantation Gas Revenue by Region (2017-2022)
- 6.2 APAC Ion Implantation Gas Sales by Type
- 6.3 APAC Ion Implantation Gas Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Ion Implantation Gas by Country
  - 7.1.1 Europe Ion Implantation Gas Sales by Country (2017-2022)
  - 7.1.2 Europe Ion Implantation Gas Revenue by Country (2017-2022)
- 7.2 Europe Ion Implantation Gas Sales by Type
- 7.3 Europe Ion Implantation Gas Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

## 8.1 Middle East & Africa Ion Implantation Gas by Country

### 8.1.1 Middle East & Africa Ion Implantation Gas Sales by Country (2017-2022)

### 8.1.2 Middle East & Africa Ion Implantation Gas Revenue by Country (2017-2022)

## 8.2 Middle East & Africa Ion Implantation Gas Sales by Type

## 8.3 Middle East & Africa Ion Implantation Gas Sales by Application

## 8.4 Egypt

## 8.5 South Africa

## 8.6 Israel

## 8.7 Turkey

## 8.8 GCC Countries

# 9 MARKET DRIVERS, CHALLENGES AND TRENDS

## 9.1 Market Drivers & Growth Opportunities

## 9.2 Market Challenges & Risks

## 9.3 Industry Trends

# 10 MANUFACTURING COST STRUCTURE ANALYSIS

## 10.1 Raw Material and Suppliers

## 10.2 Manufacturing Cost Structure Analysis of Ion Implantation Gas

## 10.3 Manufacturing Process Analysis of Ion Implantation Gas

## 10.4 Industry Chain Structure of Ion Implantation Gas

# 11 MARKETING, DISTRIBUTORS AND CUSTOMER

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 Ion Implantation Gas Distributors

## 11.3 Ion Implantation Gas Customer

# 12 WORLD FORECAST REVIEW FOR ION IMPLANTATION GAS BY GEOGRAPHIC REGION

## 12.1 Global Ion Implantation Gas Market Size Forecast by Region

### 12.1.1 Global Ion Implantation Gas Forecast by Region (2023-2028)

### 12.1.2 Global Ion Implantation Gas Annual Revenue Forecast by Region (2023-2028)

## 12.2 Americas Forecast by Country

- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Ion Implantation Gas Forecast by Type
- 12.7 Global Ion Implantation Gas Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### **13.1 Linde**

- 13.1.1 Linde Company Information
- 13.1.2 Linde Ion Implantation Gas Product Offered
- 13.1.3 Linde Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)
- 13.1.4 Linde Main Business Overview
- 13.1.5 Linde Latest Developments

### **13.2 Iceblick**

- 13.2.1 Iceblick Company Information
- 13.2.2 Iceblick Ion Implantation Gas Product Offered
- 13.2.3 Iceblick Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)
- 13.2.4 Iceblick Main Business Overview
- 13.2.5 Iceblick Latest Developments

### **13.3 Entegris**

- 13.3.1 Entegris Company Information
- 13.3.2 Entegris Ion Implantation Gas Product Offered
- 13.3.3 Entegris Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)
- 13.3.4 Entegris Main Business Overview
- 13.3.5 Entegris Latest Developments

### **13.4 Showa Denko**

- 13.4.1 Showa Denko Company Information
- 13.4.2 Showa Denko Ion Implantation Gas Product Offered
- 13.4.3 Showa Denko Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)
- 13.4.4 Showa Denko Main Business Overview
- 13.4.5 Showa Denko Latest Developments

### **13.5 Solvay**

- 13.5.1 Solvay Company Information
- 13.5.2 Solvay Ion Implantation Gas Product Offered

13.5.3 Solvay Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.5.4 Solvay Main Business Overview

13.5.5 Solvay Latest Developments

13.6 Air Liquide

13.6.1 Air Liquide Company Information

13.6.2 Air Liquide Ion Implantation Gas Product Offered

13.6.3 Air Liquide Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.6.4 Air Liquide Main Business Overview

13.6.5 Air Liquide Latest Developments

13.7 Air Products

13.7.1 Air Products Company Information

13.7.2 Air Products Ion Implantation Gas Product Offered

13.7.3 Air Products Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.7.4 Air Products Main Business Overview

13.7.5 Air Products Latest Developments

13.8 Taiyo Nippon Sanso

13.8.1 Taiyo Nippon Sanso Company Information

13.8.2 Taiyo Nippon Sanso Ion Implantation Gas Product Offered

13.8.3 Taiyo Nippon Sanso Ion Implantation Gas Sales, Revenue, Price and Gross  
Margin (2020-2022)

13.8.4 Taiyo Nippon Sanso Main Business Overview

13.8.5 Taiyo Nippon Sanso Latest Developments

13.9 Chromium

13.9.1 Chromium Company Information

13.9.2 Chromium Ion Implantation Gas Product Offered

13.9.3 Chromium Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.9.4 Chromium Main Business Overview

13.9.5 Chromium Latest Developments

13.10 Messer Group

13.10.1 Messer Group Company Information

13.10.2 Messer Group Ion Implantation Gas Product Offered

13.10.3 Messer Group Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.10.4 Messer Group Main Business Overview

13.10.5 Messer Group Latest Developments

### 13.11 Air Water

13.11.1 Air Water Company Information

13.11.2 Air Water Ion Implantation Gas Product Offered

13.11.3 Air Water Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.11.4 Air Water Main Business Overview

13.11.5 Air Water Latest Developments

### 13.12 Coregas

13.12.1 Coregas Company Information

13.12.2 Coregas Ion Implantation Gas Product Offered

13.12.3 Coregas Ion Implantation Gas Sales, Revenue, Price and Gross Margin  
(2020-2022)

13.12.4 Coregas Main Business Overview

13.12.5 Coregas Latest Developments

### 13.13 Kanto Denka Kogyo

13.13.1 Kanto Denka Kogyo Company Information

13.13.2 Kanto Denka Kogyo Ion Implantation Gas Product Offered

13.13.3 Kanto Denka Kogyo Ion Implantation Gas Sales, Revenue, Price and Gross  
Margin (2020-2022)

13.13.4 Kanto Denka Kogyo Main Business Overview

13.13.5 Kanto Denka Kogyo Latest Developments

### 13.14 Concorde Specialty Gases

13.14.1 Concorde Specialty Gases Company Information

13.14.2 Concorde Specialty Gases Ion Implantation Gas Product Offered

13.14.3 Concorde Specialty Gases Ion Implantation Gas Sales, Revenue, Price and  
Gross Margin (2020-2022)

13.14.4 Concorde Specialty Gases Main Business Overview

13.14.5 Concorde Specialty Gases Latest Developments

### 13.15 Matheson Tri-Gas

13.15.1 Matheson Tri-Gas Company Information

13.15.2 Matheson Tri-Gas Ion Implantation Gas Product Offered

13.15.3 Matheson Tri-Gas Ion Implantation Gas Sales, Revenue, Price and Gross  
Margin (2020-2022)

13.15.4 Matheson Tri-Gas Main Business Overview

13.15.5 Matheson Tri-Gas Latest Developments

### 13.16 Huate Gas

13.16.1 Huate Gas Company Information

13.16.2 Huate Gas Ion Implantation Gas Product Offered

13.16.3 Huate Gas Ion Implantation Gas Sales, Revenue, Price and Gross Margin

(2020-2022)

13.16.4 Huate Gas Main Business Overview

13.16.5 Huate Gas Latest Developments

13.17 Kemeite (Yoke Technology)

13.17.1 Kemeite (Yoke Technology) Company Information

13.17.2 Kemeite (Yoke Technology) Ion Implantation Gas Product Offered

13.17.3 Kemeite (Yoke Technology) Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.17.4 Kemeite (Yoke Technology) Main Business Overview

13.17.5 Kemeite (Yoke Technology) Latest Developments

13.18 Haohua Chemical Science & Technology

13.18.1 Haohua Chemical Science & Technology Company Information

13.18.2 Haohua Chemical Science & Technology Ion Implantation Gas Product Offered

13.18.3 Haohua Chemical Science & Technology Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.18.4 Haohua Chemical Science & Technology Main Business Overview

13.18.5 Haohua Chemical Science & Technology Latest Developments

13.19 Jinhong Gas

13.19.1 Jinhong Gas Company Information

13.19.2 Jinhong Gas Ion Implantation Gas Product Offered

13.19.3 Jinhong Gas Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.19.4 Jinhong Gas Main Business Overview

13.19.5 Jinhong Gas Latest Developments

13.20 Linggas

13.20.1 Linggas Company Information

13.20.2 Linggas Ion Implantation Gas Product Offered

13.20.3 Linggas Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.20.4 Linggas Main Business Overview

13.20.5 Linggas Latest Developments

13.21 Jiangsu Nata Opto-electronic Material

13.21.1 Jiangsu Nata Opto-electronic Material Company Information

13.21.2 Jiangsu Nata Opto-electronic Material Ion Implantation Gas Product Offered

13.21.3 Jiangsu Nata Opto-electronic Material Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.21.4 Jiangsu Nata Opto-electronic Material Main Business Overview

13.21.5 Jiangsu Nata Opto-electronic Material Latest Developments

### 13.22 Zibo Feiyuan Chemical

13.22.1 Zibo Feiyuan Chemical Company Information

13.22.2 Zibo Feiyuan Chemical Ion Implantation Gas Product Offered

13.22.3 Zibo Feiyuan Chemical Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.22.4 Zibo Feiyuan Chemical Main Business Overview

13.22.5 Zibo Feiyuan Chemical Latest Developments

### 13.23 Yongjing Technology

13.23.1 Yongjing Technology Company Information

13.23.2 Yongjing Technology Ion Implantation Gas Product Offered

13.23.3 Yongjing Technology Ion Implantation Gas Sales, Revenue, Price and Gross Margin (2020-2022)

13.23.4 Yongjing Technology Main Business Overview

13.23.5 Yongjing Technology Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION



## List Of Tables

### LIST OF TABLES

Table 1. Ion Implantation Gas Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)

Table 2. Ion Implantation Gas Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)

Table 3. Major Players of Sulfur Hexafluoride

Table 4. Major Players of Xenon

Table 5. Major Players of Phosphine

Table 6. Major Players of Others

Table 7. Global Ion Implantation Gas Sales by Type (2017-2022) & (Tons)

Table 8. Global Ion Implantation Gas Sales Market Share by Type (2017-2022)

Table 9. Global Ion Implantation Gas Revenue by Type (2017-2022) & (\$ million)

Table 10. Global Ion Implantation Gas Revenue Market Share by Type (2017-2022)

Table 11. Global Ion Implantation Gas Sale Price by Type (2017-2022) & (US\$/Kg)

Table 12. Global Ion Implantation Gas Sales by Application (2017-2022) & (Tons)

Table 13. Global Ion Implantation Gas Sales Market Share by Application (2017-2022)

Table 14. Global Ion Implantation Gas Revenue by Application (2017-2022)

Table 15. Global Ion Implantation Gas Revenue Market Share by Application (2017-2022)

Table 16. Global Ion Implantation Gas Sale Price by Application (2017-2022) & (US\$/Kg)

Table 17. Global Ion Implantation Gas Sales by Company (2020-2022) & (Tons)

Table 18. Global Ion Implantation Gas Sales Market Share by Company (2020-2022)

Table 19. Global Ion Implantation Gas Revenue by Company (2020-2022) (\$ Millions)

Table 20. Global Ion Implantation Gas Revenue Market Share by Company (2020-2022)

Table 21. Global Ion Implantation Gas Sale Price by Company (2020-2022) & (US\$/Kg)

Table 22. Key Manufacturers Ion Implantation Gas Producing Area Distribution and Sales Area

Table 23. Players Ion Implantation Gas Products Offered

Table 24. Ion Implantation Gas Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Ion Implantation Gas Sales by Geographic Region (2017-2022) & (Tons)



Table 28. Global Ion Implantation Gas Sales Market Share Geographic Region (2017-2022)

Table 29. Global Ion Implantation Gas Revenue by Geographic Region (2017-2022) & (\$ millions)

Table 30. Global Ion Implantation Gas Revenue Market Share by Geographic Region (2017-2022)

Table 31. Global Ion Implantation Gas Sales by Country/Region (2017-2022) & (Tons)

Table 32. Global Ion Implantation Gas Sales Market Share by Country/Region (2017-2022)

Table 33. Global Ion Implantation Gas Revenue by Country/Region (2017-2022) & (\$ millions)

Table 34. Global Ion Implantation Gas Revenue Market Share by Country/Region (2017-2022)

Table 35. Americas Ion Implantation Gas Sales by Country (2017-2022) & (Tons)

Table 36. Americas Ion Implantation Gas Sales Market Share by Country (2017-2022)

Table 37. Americas Ion Implantation Gas Revenue by Country (2017-2022) & (\$ Millions)

Table 38. Americas Ion Implantation Gas Revenue Market Share by Country (2017-2022)

Table 39. Americas Ion Implantation Gas Sales by Type (2017-2022) & (Tons)

Table 40. Americas Ion Implantation Gas Sales Market Share by Type (2017-2022)

Table 41. Americas Ion Implantation Gas Sales by Application (2017-2022) & (Tons)

Table 42. Americas Ion Implantation Gas Sales Market Share by Application (2017-2022)

Table 43. APAC Ion Implantation Gas Sales by Region (2017-2022) & (Tons)

Table 44. APAC Ion Implantation Gas Sales Market Share by Region (2017-2022)

Table 45. APAC Ion Implantation Gas Revenue by Region (2017-2022) & (\$ Millions)

Table 46. APAC Ion Implantation Gas Revenue Market Share by Region (2017-2022)

Table 47. APAC Ion Implantation Gas Sales by Type (2017-2022) & (Tons)

Table 48. APAC Ion Implantation Gas Sales Market Share by Type (2017-2022)

Table 49. APAC Ion Implantation Gas Sales by Application (2017-2022) & (Tons)

Table 50. APAC Ion Implantation Gas Sales Market Share by Application (2017-2022)

Table 51. Europe Ion Implantation Gas Sales by Country (2017-2022) & (Tons)

Table 52. Europe Ion Implantation Gas Sales Market Share by Country (2017-2022)

Table 53. Europe Ion Implantation Gas Revenue by Country (2017-2022) & (\$ Millions)

Table 54. Europe Ion Implantation Gas Revenue Market Share by Country (2017-2022)

Table 55. Europe Ion Implantation Gas Sales by Type (2017-2022) & (Tons)

Table 56. Europe Ion Implantation Gas Sales Market Share by Type (2017-2022)

Table 57. Europe Ion Implantation Gas Sales by Application (2017-2022) & (Tons)

Table 58. Europe Ion Implantation Gas Sales Market Share by Application (2017-2022)
Table 59. Middle East & Africa Ion Implantation Gas Sales by Country (2017-2022) & (Tons)
Table 60. Middle East & Africa Ion Implantation Gas Sales Market Share by Country (2017-2022)
Table 61. Middle East & Africa Ion Implantation Gas Revenue by Country (2017-2022) & (\$ Millions)
Table 62. Middle East & Africa Ion Implantation Gas Revenue Market Share by Country (2017-2022)
Table 63. Middle East & Africa Ion Implantation Gas Sales by Type (2017-2022) & (Tons)
Table 64. Middle East & Africa Ion Implantation Gas Sales Market Share by Type (2017-2022)
Table 65. Middle East & Africa Ion Implantation Gas Sales by Application (2017-2022) & (Tons)
Table 66. Middle East & Africa Ion Implantation Gas Sales Market Share by Application (2017-2022)
Table 67. Key Market Drivers & Growth Opportunities of Ion Implantation Gas
Table 68. Key Market Challenges & Risks of Ion Implantation Gas
Table 69. Key Industry Trends of Ion Implantation Gas
Table 70. Ion Implantation Gas Raw Material
Table 71. Key Suppliers of Raw Materials
Table 72. Ion Implantation Gas Distributors List
Table 73. Ion Implantation Gas Customer List
Table 74. Global Ion Implantation Gas Sales Forecast by Region (2023-2028) & (Tons)
Table 75. Global Ion Implantation Gas Sales Market Forecast by Region
Table 76. Global Ion Implantation Gas Revenue Forecast by Region (2023-2028) & (\$ millions)
Table 77. Global Ion Implantation Gas Revenue Market Share Forecast by Region (2023-2028)
Table 78. Americas Ion Implantation Gas Sales Forecast by Country (2023-2028) & (Tons)
Table 79. Americas Ion Implantation Gas Revenue Forecast by Country (2023-2028) & (\$ millions)
Table 80. APAC Ion Implantation Gas Sales Forecast by Region (2023-2028) & (Tons)
Table 81. APAC Ion Implantation Gas Revenue Forecast by Region (2023-2028) & (\$ millions)
Table 82. Europe Ion Implantation Gas Sales Forecast by Country (2023-2028) & (Tons)

Table 83. Europe Ion Implantation Gas Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 84. Middle East & Africa Ion Implantation Gas Sales Forecast by Country (2023-2028) & (Tons)

Table 85. Middle East & Africa Ion Implantation Gas Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 86. Global Ion Implantation Gas Sales Forecast by Type (2023-2028) & (Tons)

Table 87. Global Ion Implantation Gas Sales Market Share Forecast by Type (2023-2028)

Table 88. Global Ion Implantation Gas Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 89. Global Ion Implantation Gas Revenue Market Share Forecast by Type (2023-2028)

Table 90. Global Ion Implantation Gas Sales Forecast by Application (2023-2028) & (Tons)

Table 91. Global Ion Implantation Gas Sales Market Share Forecast by Application (2023-2028)

Table 92. Global Ion Implantation Gas Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 93. Global Ion Implantation Gas Revenue Market Share Forecast by Application (2023-2028)

Table 94. Linde Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 95. Linde Ion Implantation Gas Product Offered

Table 96. Linde Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 97. Linde Main Business

Table 98. Linde Latest Developments

Table 99. Iceblick Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 100. Iceblick Ion Implantation Gas Product Offered

Table 101. Iceblick Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 102. Iceblick Main Business

Table 103. Iceblick Latest Developments

Table 104. Entegris Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 105. Entegris Ion Implantation Gas Product Offered

Table 106. Entegris Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price

(US\$/Kg) and Gross Margin (2020-2022)

Table 107. Entegris Main Business

Table 108. Entegris Latest Developments

Table 109. Showa Denko Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 110. Showa Denko Ion Implantation Gas Product Offered

Table 111. Showa Denko Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 112. Showa Denko Main Business

Table 113. Showa Denko Latest Developments

Table 114. Solvay Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 115. Solvay Ion Implantation Gas Product Offered

Table 116. Solvay Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 117. Solvay Main Business

Table 118. Solvay Latest Developments

Table 119. Air Liquide Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 120. Air Liquide Ion Implantation Gas Product Offered

Table 121. Air Liquide Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 122. Air Liquide Main Business

Table 123. Air Liquide Latest Developments

Table 124. Air Products Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 125. Air Products Ion Implantation Gas Product Offered

Table 126. Air Products Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 127. Air Products Main Business

Table 128. Air Products Latest Developments

Table 129. Taiyo Nippon Sanso Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 130. Taiyo Nippon Sanso Ion Implantation Gas Product Offered

Table 131. Taiyo Nippon Sanso Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 132. Taiyo Nippon Sanso Main Business

Table 133. Taiyo Nippon Sanso Latest Developments

Table 134. Chromium Basic Information, Ion Implantation Gas Manufacturing Base,

Sales Area and Its Competitors

Table 135. Chromium Ion Implantation Gas Product Offered

Table 136. Chromium Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 137. Chromium Main Business

Table 138. Chromium Latest Developments

Table 139. Messer Group Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 140. Messer Group Ion Implantation Gas Product Offered

Table 141. Messer Group Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 142. Messer Group Main Business

Table 143. Messer Group Latest Developments

Table 144. Air Water Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 145. Air Water Ion Implantation Gas Product Offered

Table 146. Air Water Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 147. Air Water Main Business

Table 148. Air Water Latest Developments

Table 149. Coregas Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 150. Coregas Ion Implantation Gas Product Offered

Table 151. Coregas Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 152. Coregas Main Business

Table 153. Coregas Latest Developments

Table 154. Kanto Denka Kogyo Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 155. Kanto Denka Kogyo Ion Implantation Gas Product Offered

Table 156. Kanto Denka Kogyo Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 157. Kanto Denka Kogyo Main Business

Table 158. Kanto Denka Kogyo Latest Developments

Table 159. Concorde Specialty Gases Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 160. Concorde Specialty Gases Ion Implantation Gas Product Offered

Table 161. Concorde Specialty Gases Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)



Table 162. Concorde Specialty Gases Main Business
Table 163. Concorde Specialty Gases Latest Developments
Table 164. Matheson Tri-Gas Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors
Table 165. Matheson Tri-Gas Ion Implantation Gas Product Offered
Table 166. Matheson Tri-Gas Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)
Table 167. Matheson Tri-Gas Main Business
Table 168. Matheson Tri-Gas Latest Developments
Table 169. Huate Gas Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors
Table 170. Huate Gas Ion Implantation Gas Product Offered
Table 171. Huate Gas Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)
Table 172. Huate Gas Main Business
Table 173. Huate Gas Latest Developments
Table 174. Kemeite (Yoke Technology) Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors
Table 175. Kemeite (Yoke Technology) Ion Implantation Gas Product Offered
Table 176. Kemeite (Yoke Technology) Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)
Table 177. Kemeite (Yoke Technology) Main Business
Table 178. Kemeite (Yoke Technology) Latest Developments
Table 179. Haohua Chemical Science & Technology Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors
Table 180. Haohua Chemical Science & Technology Ion Implantation Gas Product Offered
Table 181. Haohua Chemical Science & Technology Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)
Table 182. Haohua Chemical Science & Technology Main Business
Table 183. Haohua Chemical Science & Technology Latest Developments
Table 184. Jinhong Gas Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors
Table 185. Jinhong Gas Ion Implantation Gas Product Offered
Table 186. Jinhong Gas Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)
Table 187. Jinhong Gas Main Business
Table 188. Jinhong Gas Latest Developments
Table 189. Linggas Basic Information, Ion Implantation Gas Manufacturing Base, Sales

## Area and Its Competitors

Table 190. Linggas Ion Implantation Gas Product Offered

Table 191. Linggas Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 192. Linggas Main Business

Table 193. Linggas Latest Developments

Table 194. Jiangsu Nata Opto-electronic Material Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 195. Jiangsu Nata Opto-electronic Material Ion Implantation Gas Product Offered

Table 196. Jiangsu Nata Opto-electronic Material Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 197. Jiangsu Nata Opto-electronic Material Main Business

Table 198. Jiangsu Nata Opto-electronic Material Latest Developments

Table 199. Zibo Feiyuan Chemical Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 200. Zibo Feiyuan Chemical Ion Implantation Gas Product Offered

Table 201. Zibo Feiyuan Chemical Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 202. Zibo Feiyuan Chemical Main Business

Table 203. Zibo Feiyuan Chemical Latest Developments

Table 204. Yongjing Technology Basic Information, Ion Implantation Gas Manufacturing Base, Sales Area and Its Competitors

Table 205. Yongjing Technology Ion Implantation Gas Product Offered

Table 206. Yongjing Technology Ion Implantation Gas Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 207. Yongjing Technology Main Business

Table 208. Yongjing Technology Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Ion Implantation Gas
- Figure 2. Ion Implantation Gas Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Ion Implantation Gas Sales Growth Rate 2017-2028 (Tons)
- Figure 7. Global Ion Implantation Gas Revenue Growth Rate 2017-2028 (\$ Millions)
- Figure 8. Ion Implantation Gas Sales by Region (2021 & 2028) & (\$ millions)
- Figure 9. Product Picture of Sulfur Hexafluoride
- Figure 10. Product Picture of Xenon
- Figure 11. Product Picture of Phosphine
- Figure 12. Product Picture of Others
- Figure 13. Global Ion Implantation Gas Sales Market Share by Type in 2021
- Figure 14. Global Ion Implantation Gas Revenue Market Share by Type (2017-2022)
- Figure 15. Ion Implantation Gas Consumed in Integrated Circuits
- Figure 16. Global Ion Implantation Gas Market: Integrated Circuits (2017-2022) & (Tons)
- Figure 17. Ion Implantation Gas Consumed in Display Panels
- Figure 18. Global Ion Implantation Gas Market: Display Panels (2017-2022) & (Tons)
- Figure 19. Ion Implantation Gas Consumed in Solar Cell
- Figure 20. Global Ion Implantation Gas Market: Solar Cell (2017-2022) & (Tons)
- Figure 21. Ion Implantation Gas Consumed in Medical Care
- Figure 22. Global Ion Implantation Gas Market: Medical Care (2017-2022) & (Tons)
- Figure 23. Ion Implantation Gas Consumed in Fiber Cable
- Figure 24. Global Ion Implantation Gas Market: Fiber Cable (2017-2022) & (Tons)
- Figure 25. Ion Implantation Gas Consumed in Others
- Figure 26. Global Ion Implantation Gas Market: Others (2017-2022) & (Tons)
- Figure 27. Global Ion Implantation Gas Sales Market Share by Application (2017-2022)
- Figure 28. Global Ion Implantation Gas Revenue Market Share by Application in 2021
- Figure 29. Ion Implantation Gas Revenue Market by Company in 2021 (\$ Million)
- Figure 30. Global Ion Implantation Gas Revenue Market Share by Company in 2021
- Figure 31. Global Ion Implantation Gas Sales Market Share by Geographic Region (2017-2022)
- Figure 32. Global Ion Implantation Gas Revenue Market Share by Geographic Region in 2021



Figure 33. Global Ion Implantation Gas Sales Market Share by Region (2017-2022)

Figure 34. Global Ion Implantation Gas Revenue Market Share by Country/Region in 2021

Figure 35. Americas Ion Implantation Gas Sales 2017-2022 (Tons)

Figure 36. Americas Ion Implantation Gas Revenue 2017-2022 (\$ Millions)

Figure 37. APAC Ion Implantation Gas Sales 2017-2022 (Tons)

Figure 38. APAC Ion Implantation Gas Revenue 2017-2022 (\$ Millions)

Figure 39. Europe Ion Implantation Gas Sales 2017-2022 (Tons)

Figure 40. Europe Ion Implantation Gas Revenue 2017-2022 (\$ Millions)

Figure 41. Middle East & Africa Ion Implantation Gas Sales 2017-2022 (Tons)

Figure 42. Middle East & Africa Ion Implantation Gas Revenue 2017-2022 (\$ Millions)

Figure 43. Americas Ion Implantation Gas Sales Market Share by Country in 2021

Figure 44. Americas Ion Implantation Gas Revenue Market Share by Country in 2021

Figure 45. United States Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 46. Canada Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 47. Mexico Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 48. Brazil Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 49. APAC Ion Implantation Gas Sales Market Share by Region in 2021

Figure 50. APAC Ion Implantation Gas Revenue Market Share by Regions in 2021

Figure 51. China Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 52. Japan Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 53. South Korea Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 54. Southeast Asia Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 55. India Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 56. Australia Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 57. Europe Ion Implantation Gas Sales Market Share by Country in 2021

Figure 58. Europe Ion Implantation Gas Revenue Market Share by Country in 2021

Figure 59. Germany Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 60. France Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 61. UK Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 62. Italy Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 63. Russia Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 64. Middle East & Africa Ion Implantation Gas Sales Market Share by Country in 2021

Figure 65. Middle East & Africa Ion Implantation Gas Revenue Market Share by Country in 2021

Figure 66. Egypt Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 67. South Africa Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 68. Israel Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 69. Turkey Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 70. GCC Country Ion Implantation Gas Revenue Growth 2017-2022 (\$ Millions)

Figure 71. Manufacturing Cost Structure Analysis of Ion Implantation Gas in 2021

Figure 72. Manufacturing Process Analysis of Ion Implantation Gas

Figure 73. Industry Chain Structure of Ion Implantation Gas

Figure 74. Channels of Distribution

Figure 75. Distributors Profiles

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