

# Global Gas Scrubbers for Semiconductor Market Growth 2024-2030

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# **Abstracts**

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Burn Wet Type is a system that maximizes CO and Nox treatment efficiency through multi-stage combustion by passing the gas generated after use in the semiconductor process directly through the flame. Plasma Wet Type is a system that treats generated gas at a high temperature of 2000 °C or higher using DC Arc Jet Plasma in semiconductor, LCD, LED, OLED, and SOLAR processes. Wet Type is a system that treats water-soluble gas and dust through a high-pressure water pump and fine spray of water. Dry type is a system that treats harmful gases below TLV through physical and chemical adsorption as harmful gases pass through the adsorbent filling tank.

The global Gas Scrubbers for Semiconductor market size is projected to grow from US\$ 1308 million in 2024 to US\$ 2268 million in 2030; it is expected to grow at a CAGR of 9.6% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Gas Scrubbers for Semiconductor Industry Forecast" looks at past sales and reviews total world Gas Scrubbers for Semiconductor sales in 2023, providing a comprehensive analysis by region and market sector of projected Gas Scrubbers for Semiconductor sales for 2024 through 2030. With Gas Scrubbers for Semiconductor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Gas Scrubbers for Semiconductor industry.

This Insight Report provides a comprehensive analysis of the global Gas Scrubbers for Semiconductor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity.



This report also analyzes the strategies of leading global companies with a focus on Gas Scrubbers for Semiconductor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Gas Scrubbers for Semiconductor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Gas Scrubbers for Semiconductor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottomup qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Gas Scrubbers for Semiconductor.

Global key manufacturers of Gas Scrubbers for Semiconductor include Ebara Corporation, Global Standard Technology, and UNISEM. The top three manufacturers account for approximately 54% of the global share. South Korea is the world's largest producer of Gas Scrubbers for Semiconductor, with a share of about 47%. In terms of product type, plasma scrubbers are the largest segment with about 40% share. In terms of application, CVD (SiH4, TEOS, DCS, NH3, CIF3, B2H6, etc.) is the largest downstream segment with about 31%.

This report presents a comprehensive overview, market shares, and growth opportunities of Gas Scrubbers for Semiconductor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Burn Scrubber

Plasma Scrubber

Heat Wet Scrubber

Dry Scrubber

Segmentation by Application:



CVD (SiH4, NF3, WF6, B2H6, TEOS, TDMAT, N2O, C3H6, Etc.)

Diffusion (SiH4, TEOS, DCS, NH3, CIF3, B2H6, Etc.)

Etch (CF4, SF6, BCl3, Cl2, HBr, Etc.)

Others

This report also splits the market 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

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Ebara Global Standard Technology CSK Unisem Edwards Vacuum Kanken Techno EcoSys



**GNBS** Engineering

DAS Environmental Expert GmbH

CS Clean Solution

YOUNGJIN IND

Integrated Plasma Inc (IPI)

Shengjian

MAT Plus

**KC** Innovation

Triple Cores Technology

Japan Pionics

Key Questions Addressed in this Report

What is the 10-year outlook for the global Gas Scrubbers for Semiconductor market?

What factors are driving Gas Scrubbers for Semiconductor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Gas Scrubbers for Semiconductor market opportunities vary by end market size?

How does Gas Scrubbers for Semiconductor break out by Type, by Application?



# 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
- 1.8 Market Estimation Caveats

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
- 2.1.1 Global Gas Scrubbers for Semiconductor Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Gas Scrubbers for Semiconductor by Geographic Region, 2019, 2023 & 2030

2.1.3 World Current & Future Analysis for Gas Scrubbers for Semiconductor by Country/Region, 2019, 2023 & 2030

2.2 Gas Scrubbers for Semiconductor Segment by Type

- 2.2.1 Burn Scrubber
- 2.2.2 Plasma Scrubber
- 2.2.3 Heat Wet Scrubber
- 2.2.4 Dry Scrubber
- 2.3 Gas Scrubbers for Semiconductor Sales by Type
- 2.3.1 Global Gas Scrubbers for Semiconductor Sales Market Share by Type (2019-2024)

2.3.2 Global Gas Scrubbers for Semiconductor Revenue and Market Share by Type (2019-2024)

2.3.3 Global Gas Scrubbers for Semiconductor Sale Price by Type (2019-2024)

- 2.4 Gas Scrubbers for Semiconductor Segment by Application
  - 2.4.1 CVD (SiH4, NF3, WF6, B2H6, TEOS, TDMAT, N2O, C3H6, Etc.)
  - 2.4.2 Diffusion (SiH4, TEOS, DCS, NH3, CIF3, B2H6, Etc.)
  - 2.4.3 Etch (CF4, SF6, BCI3, CI2, HBr, Etc.)
  - 2.4.4 Others

2.5 Gas Scrubbers for Semiconductor Sales by Application

2.5.1 Global Gas Scrubbers for Semiconductor Sale Market Share by Application



(2019-2024)

2.5.2 Global Gas Scrubbers for Semiconductor Revenue and Market Share by Application (2019-2024)

2.5.3 Global Gas Scrubbers for Semiconductor Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Gas Scrubbers for Semiconductor Breakdown Data by Company

3.1.1 Global Gas Scrubbers for Semiconductor Annual Sales by Company (2019-2024)

3.1.2 Global Gas Scrubbers for Semiconductor Sales Market Share by Company (2019-2024)

3.2 Global Gas Scrubbers for Semiconductor Annual Revenue by Company (2019-2024)

3.2.1 Global Gas Scrubbers for Semiconductor Revenue by Company (2019-2024)3.2.2 Global Gas Scrubbers for Semiconductor Revenue Market Share by Company (2019-2024)

3.3 Global Gas Scrubbers for Semiconductor Sale Price by Company

3.4 Key Manufacturers Gas Scrubbers for Semiconductor Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Gas Scrubbers for Semiconductor Product Location Distribution

3.4.2 Players Gas Scrubbers for Semiconductor Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

# 4 WORLD HISTORIC REVIEW FOR GAS SCRUBBERS FOR SEMICONDUCTOR BY GEOGRAPHIC REGION

4.1 World Historic Gas Scrubbers for Semiconductor Market Size by Geographic Region (2019-2024)

4.1.1 Global Gas Scrubbers for Semiconductor Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Gas Scrubbers for Semiconductor Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Gas Scrubbers for Semiconductor Market Size by Country/Region



(2019-2024)

4.2.1 Global Gas Scrubbers for Semiconductor Annual Sales by Country/Region (2019-2024)

4.2.2 Global Gas Scrubbers for Semiconductor Annual Revenue by Country/Region (2019-2024)

- 4.3 Americas Gas Scrubbers for Semiconductor Sales Growth
- 4.4 APAC Gas Scrubbers for Semiconductor Sales Growth
- 4.5 Europe Gas Scrubbers for Semiconductor Sales Growth
- 4.6 Middle East & Africa Gas Scrubbers for Semiconductor Sales Growth

### **5 AMERICAS**

5.1 Americas Gas Scrubbers for Semiconductor Sales by Country

- 5.1.1 Americas Gas Scrubbers for Semiconductor Sales by Country (2019-2024)
- 5.1.2 Americas Gas Scrubbers for Semiconductor Revenue by Country (2019-2024)
- 5.2 Americas Gas Scrubbers for Semiconductor Sales by Type (2019-2024)
- 5.3 Americas Gas Scrubbers for Semiconductor Sales by Application (2019-2024)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## 6 APAC

6.1 APAC Gas Scrubbers for Semiconductor Sales by Region

- 6.1.1 APAC Gas Scrubbers for Semiconductor Sales by Region (2019-2024)
- 6.1.2 APAC Gas Scrubbers for Semiconductor Revenue by Region (2019-2024)
- 6.2 APAC Gas Scrubbers for Semiconductor Sales by Type (2019-2024)
- 6.3 APAC Gas Scrubbers for Semiconductor Sales by Application (2019-2024)
- 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 Gas Scrubbers for Semiconductor by Country

- 7.1.1 Europe Gas Scrubbers for Semiconductor Sales by Country (2019-2024)
- 7.1.2 Europe Gas Scrubbers for Semiconductor Revenue by Country (2019-2024)
- 7.2 Europe Gas Scrubbers for Semiconductor Sales by Type (2019-2024)
- 7.3 Europe Gas Scrubbers for Semiconductor Sales by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

#### 8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Gas Scrubbers for Semiconductor by Country

8.1.1 Middle East & Africa Gas Scrubbers for Semiconductor Sales by Country (2019-2024)

8.1.2 Middle East & Africa Gas Scrubbers for Semiconductor Revenue by Country (2019-2024)

8.2 Middle East & Africa Gas Scrubbers for Semiconductor Sales by Type (2019-2024)

8.3 Middle East & Africa Gas Scrubbers for Semiconductor Sales by Application (2019-2024)

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 Gas Scrubbers for Semiconductor
- 10.3 Manufacturing Process Analysis of Gas Scrubbers for Semiconductor
- 10.4 Industry Chain Structure of Gas Scrubbers for Semiconductor



#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Gas Scrubbers for Semiconductor Distributors
- 11.3 Gas Scrubbers for Semiconductor Customer

# 12 WORLD FORECAST REVIEW FOR GAS SCRUBBERS FOR SEMICONDUCTOR BY GEOGRAPHIC REGION

12.1 Global Gas Scrubbers for Semiconductor Market Size Forecast by Region

12.1.1 Global Gas Scrubbers for Semiconductor Forecast by Region (2025-2030)

12.1.2 Global Gas Scrubbers for Semiconductor Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Gas Scrubbers for Semiconductor Forecast by Type (2025-2030)
- 12.7 Global Gas Scrubbers for Semiconductor Forecast by Application (2025-2030)

#### **13 KEY PLAYERS ANALYSIS**

13.1 Ebara

- 13.1.1 Ebara Company Information
- 13.1.2 Ebara Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.1.3 Ebara Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Ebara Main Business Overview

- 13.1.5 Ebara Latest Developments
- 13.2 Global Standard Technology
- 13.2.1 Global Standard Technology Company Information

13.2.2 Global Standard Technology Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.2.3 Global Standard Technology Gas Scrubbers for Semiconductor Sales,

Revenue, Price and Gross Margin (2019-2024)

13.2.4 Global Standard Technology Main Business Overview



13.2.5 Global Standard Technology Latest Developments

13.3 CSK

13.3.1 CSK Company Information

13.3.2 CSK Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.3.3 CSK Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 CSK Main Business Overview

13.3.5 CSK Latest Developments

13.4 Unisem

13.4.1 Unisem Company Information

13.4.2 Unisem Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.4.3 Unisem Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Unisem Main Business Overview

13.4.5 Unisem Latest Developments

13.5 Edwards Vacuum

13.5.1 Edwards Vacuum Company Information

13.5.2 Edwards Vacuum Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.5.3 Edwards Vacuum Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Edwards Vacuum Main Business Overview

13.5.5 Edwards Vacuum Latest Developments

13.6 Kanken Techno

13.6.1 Kanken Techno Company Information

13.6.2 Kanken Techno Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.6.3 Kanken Techno Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Kanken Techno Main Business Overview

13.6.5 Kanken Techno Latest Developments

13.7 EcoSys

13.7.1 EcoSys Company Information

13.7.2 EcoSys Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.7.3 EcoSys Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 EcoSys Main Business Overview

13.7.5 EcoSys Latest Developments

13.8 GNBS Engineering



13.8.1 GNBS Engineering Company Information

13.8.2 GNBS Engineering Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.8.3 GNBS Engineering Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 GNBS Engineering Main Business Overview

13.8.5 GNBS Engineering Latest Developments

13.9 DAS Environmental Expert GmbH

13.9.1 DAS Environmental Expert GmbH Company Information

13.9.2 DAS Environmental Expert GmbH Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.9.3 DAS Environmental Expert GmbH Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 DAS Environmental Expert GmbH Main Business Overview

13.9.5 DAS Environmental Expert GmbH Latest Developments

13.10 CS Clean Solution

13.10.1 CS Clean Solution Company Information

13.10.2 CS Clean Solution Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.10.3 CS Clean Solution Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 CS Clean Solution Main Business Overview

13.10.5 CS Clean Solution Latest Developments

13.11 YOUNGJIN IND

13.11.1 YOUNGJIN IND Company Information

13.11.2 YOUNGJIN IND Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.11.3 YOUNGJIN IND Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 YOUNGJIN IND Main Business Overview

13.11.5 YOUNGJIN IND Latest Developments

13.12 Integrated Plasma Inc (IPI)

13.12.1 Integrated Plasma Inc (IPI) Company Information

13.12.2 Integrated Plasma Inc (IPI) Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.12.3 Integrated Plasma Inc (IPI) Gas Scrubbers for Semiconductor Sales,

Revenue, Price and Gross Margin (2019-2024)

13.12.4 Integrated Plasma Inc (IPI) Main Business Overview

13.12.5 Integrated Plasma Inc (IPI) Latest Developments



13.13 Shengjian

13.13.1 Shengjian Company Information

13.13.2 Shengjian Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.13.3 Shengjian Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Shengjian Main Business Overview

13.13.5 Shengjian Latest Developments

13.14 MAT Plus

13.14.1 MAT Plus Company Information

13.14.2 MAT Plus Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.14.3 MAT Plus Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 MAT Plus Main Business Overview

13.14.5 MAT Plus Latest Developments

13.15 KC Innovation

13.15.1 KC Innovation Company Information

13.15.2 KC Innovation Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.15.3 KC Innovation Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.15.4 KC Innovation Main Business Overview

13.15.5 KC Innovation Latest Developments

13.16 Triple Cores Technology

13.16.1 Triple Cores Technology Company Information

13.16.2 Triple Cores Technology Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.16.3 Triple Cores Technology Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.16.4 Triple Cores Technology Main Business Overview

13.16.5 Triple Cores Technology Latest Developments

13.17 Japan Pionics

13.17.1 Japan Pionics Company Information

13.17.2 Japan Pionics Gas Scrubbers for Semiconductor Product Portfolios and Specifications

13.17.3 Japan Pionics Gas Scrubbers for Semiconductor Sales, Revenue, Price and Gross Margin (2019-2024)

13.17.4 Japan Pionics Main Business Overview



13.17.5 Japan Pionics Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION



# List Of Tables

#### LIST OF TABLES

Table 1. Gas Scrubbers for Semiconductor Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions) Table 2. Gas Scrubbers for Semiconductor Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions) Table 3. Major Players of Burn Scrubber Table 4. Major Players of Plasma Scrubber Table 5. Major Players of Heat Wet Scrubber Table 6. Major Players of Dry Scrubber Table 7. Global Gas Scrubbers for Semiconductor Sales by Type (2019-2024) & (Units) Table 8. Global Gas Scrubbers for Semiconductor Sales Market Share by Type (2019-2024)Table 9. Global Gas Scrubbers for Semiconductor Revenue by Type (2019-2024) & (\$ million) Table 10. Global Gas Scrubbers for Semiconductor Revenue Market Share by Type (2019-2024)Table 11. Global Gas Scrubbers for Semiconductor Sale Price by Type (2019-2024) & (K US\$/Unit) Table 12. Global Gas Scrubbers for Semiconductor Sale by Application (2019-2024) & (Units) Table 13. Global Gas Scrubbers for Semiconductor Sale Market Share by Application (2019-2024)Table 14. Global Gas Scrubbers for Semiconductor Revenue by Application (2019-2024) & (\$ million) Table 15. Global Gas Scrubbers for Semiconductor Revenue Market Share by Application (2019-2024) Table 16. Global Gas Scrubbers for Semiconductor Sale Price by Application (2019-2024) & (K US\$/Unit) Table 17. Global Gas Scrubbers for Semiconductor Sales by Company (2019-2024) & (Units) Table 18. Global Gas Scrubbers for Semiconductor Sales Market Share by Company (2019-2024)Table 19. Global Gas Scrubbers for Semiconductor Revenue by Company (2019-2024) & (\$ millions) Table 20. Global Gas Scrubbers for Semiconductor Revenue Market Share by Company (2019-2024)



Table 21. Global Gas Scrubbers for Semiconductor Sale Price by Company (2019-2024) & (K US\$/Unit) Table 22. Key Manufacturers Gas Scrubbers for Semiconductor Producing Area **Distribution and Sales Area** Table 23. Players Gas Scrubbers for Semiconductor Products Offered Table 24. Gas Scrubbers for Semiconductor Concentration Ratio (CR3, CR5 and CR10) & (2019-2024) Table 25. New Products and Potential Entrants Table 26. Market M&A Activity & Strategy Table 27. Global Gas Scrubbers for Semiconductor Sales by Geographic Region (2019-2024) & (Units) Table 28. Global Gas Scrubbers for Semiconductor Sales Market Share Geographic Region (2019-2024) Table 29. Global Gas Scrubbers for Semiconductor Revenue by Geographic Region (2019-2024) & (\$ millions) Table 30. Global Gas Scrubbers for Semiconductor Revenue Market Share by Geographic Region (2019-2024) Table 31. Global Gas Scrubbers for Semiconductor Sales by Country/Region (2019-2024) & (Units) Table 32. Global Gas Scrubbers for Semiconductor Sales Market Share by Country/Region (2019-2024) Table 33. Global Gas Scrubbers for Semiconductor Revenue by Country/Region (2019-2024) & (\$ millions) Table 34. Global Gas Scrubbers for Semiconductor Revenue Market Share by Country/Region (2019-2024) Table 35. Americas Gas Scrubbers for Semiconductor Sales by Country (2019-2024) & (Units) Table 36. Americas Gas Scrubbers for Semiconductor Sales Market Share by Country (2019-2024)Table 37. Americas Gas Scrubbers for Semiconductor Revenue by Country (2019-2024) & (\$ millions) Table 38. Americas Gas Scrubbers for Semiconductor Sales by Type (2019-2024) & (Units) Table 39. Americas Gas Scrubbers for Semiconductor Sales by Application (2019-2024) & (Units) Table 40. APAC Gas Scrubbers for Semiconductor Sales by Region (2019-2024) & (Units) Table 41. APAC Gas Scrubbers for Semiconductor Sales Market Share by Region (2019-2024)



Table 42. APAC Gas Scrubbers for Semiconductor Revenue by Region (2019-2024) & (\$ millions)

Table 43. APAC Gas Scrubbers for Semiconductor Sales by Type (2019-2024) & (Units)

Table 44. APAC Gas Scrubbers for Semiconductor Sales by Application (2019-2024) & (Units)

Table 45. Europe Gas Scrubbers for Semiconductor Sales by Country (2019-2024) & (Units)

Table 46. Europe Gas Scrubbers for Semiconductor Revenue by Country (2019-2024) & (\$ millions)

Table 47. Europe Gas Scrubbers for Semiconductor Sales by Type (2019-2024) & (Units)

Table 48. Europe Gas Scrubbers for Semiconductor Sales by Application (2019-2024) & (Units)

Table 49. Middle East & Africa Gas Scrubbers for Semiconductor Sales by Country (2019-2024) & (Units)

Table 50. Middle East & Africa Gas Scrubbers for Semiconductor Revenue Market Share by Country (2019-2024)

Table 51. Middle East & Africa Gas Scrubbers for Semiconductor Sales by Type (2019-2024) & (Units)

Table 52. Middle East & Africa Gas Scrubbers for Semiconductor Sales by Application (2019-2024) & (Units)

Table 53. Key Market Drivers & Growth Opportunities of Gas Scrubbers for Semiconductor

Table 54. Key Market Challenges & Risks of Gas Scrubbers for Semiconductor

Table 55. Key Industry Trends of Gas Scrubbers for Semiconductor

- Table 56. Gas Scrubbers for Semiconductor Raw Material
- Table 57. Key Suppliers of Raw Materials
- Table 58. Gas Scrubbers for Semiconductor Distributors List
- Table 59. Gas Scrubbers for Semiconductor Customer List

Table 60. Global Gas Scrubbers for Semiconductor Sales Forecast by Region (2025-2030) & (Units)

Table 61. Global Gas Scrubbers for Semiconductor Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 62. Americas Gas Scrubbers for Semiconductor Sales Forecast by Country (2025-2030) & (Units)

Table 63. Americas Gas Scrubbers for Semiconductor Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

 Table 64. APAC Gas Scrubbers for Semiconductor Sales Forecast by Region



(2025-2030) & (Units)

Table 65. APAC Gas Scrubbers for Semiconductor Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Europe Gas Scrubbers for Semiconductor Sales Forecast by Country (2025-2030) & (Units)

Table 67. Europe Gas Scrubbers for Semiconductor Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Middle East & Africa Gas Scrubbers for Semiconductor Sales Forecast by Country (2025-2030) & (Units)

Table 69. Middle East & Africa Gas Scrubbers for Semiconductor Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 70. Global Gas Scrubbers for Semiconductor Sales Forecast by Type (2025-2030) & (Units)

Table 71. Global Gas Scrubbers for Semiconductor Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 72. Global Gas Scrubbers for Semiconductor Sales Forecast by Application(2025-2030) & (Units)

Table 73. Global Gas Scrubbers for Semiconductor Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 74. Ebara Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 75. Ebara Gas Scrubbers for Semiconductor Product Portfolios andSpecifications

Table 76. Ebara Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 77. Ebara Main Business

Table 78. Ebara Latest Developments

Table 79. Global Standard Technology Basic Information, Gas Scrubbers for

Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 80. Global Standard Technology Gas Scrubbers for Semiconductor ProductPortfolios and Specifications

Table 81. Global Standard Technology Gas Scrubbers for Semiconductor Sales (Units),

Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 82. Global Standard Technology Main Business

Table 83. Global Standard Technology Latest Developments

Table 84. CSK Basic Information, Gas Scrubbers for Semiconductor ManufacturingBase, Sales Area and Its Competitors

Table 85. CSK Gas Scrubbers for Semiconductor Product Portfolios and Specifications Table 86. CSK Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million),



Price (K US\$/Unit) and Gross Margin (2019-2024) Table 87. CSK Main Business Table 88. CSK Latest Developments Table 89. Unisem Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 90. Unisem Gas Scrubbers for Semiconductor Product Portfolios and **Specifications** Table 91. Unisem Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 92. Unisem Main Business Table 93. Unisem Latest Developments Table 94. Edwards Vacuum Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 95. Edwards Vacuum Gas Scrubbers for Semiconductor Product Portfolios and **Specifications** Table 96. Edwards Vacuum Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 97. Edwards Vacuum Main Business Table 98. Edwards Vacuum Latest Developments Table 99. Kanken Techno Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 100. Kanken Techno Gas Scrubbers for Semiconductor Product Portfolios and **Specifications** Table 101. Kanken Techno Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 102. Kanken Techno Main Business Table 103. Kanken Techno Latest Developments Table 104. EcoSys Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 105. EcoSys Gas Scrubbers for Semiconductor Product Portfolios and **Specifications** Table 106. EcoSys Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 107. EcoSys Main Business Table 108. EcoSys Latest Developments Table 109. GNBS Engineering Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 110. GNBS Engineering Gas Scrubbers for Semiconductor Product Portfolios and Specifications



Table 111. GNBS Engineering Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 112. GNBS Engineering Main Business Table 113. GNBS Engineering Latest Developments Table 114. DAS Environmental Expert GmbH Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 115. DAS Environmental Expert GmbH Gas Scrubbers for Semiconductor **Product Portfolios and Specifications** Table 116. DAS Environmental Expert GmbH Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 117. DAS Environmental Expert GmbH Main Business Table 118. DAS Environmental Expert GmbH Latest Developments Table 119. CS Clean Solution Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 120. CS Clean Solution Gas Scrubbers for Semiconductor Product Portfolios and **Specifications** Table 121. CS Clean Solution Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 122. CS Clean Solution Main Business Table 123. CS Clean Solution Latest Developments Table 124. YOUNGJIN IND Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 125. YOUNGJIN IND Gas Scrubbers for Semiconductor Product Portfolios and **Specifications** Table 126. YOUNGJIN IND Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 127. YOUNGJIN IND Main Business Table 128. YOUNGJIN IND Latest Developments Table 129. Integrated Plasma Inc (IPI) Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 130. Integrated Plasma Inc (IPI) Gas Scrubbers for Semiconductor Product Portfolios and Specifications Table 131. Integrated Plasma Inc (IPI) Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024) Table 132. Integrated Plasma Inc (IPI) Main Business Table 133. Integrated Plasma Inc (IPI) Latest Developments Table 134. Shengjian Basic Information, Gas Scrubbers for Semiconductor Manufacturing Base, Sales Area and Its Competitors Table 135. Shengjian Gas Scrubbers for Semiconductor Product Portfolios and



Specifications

Table 136. Shengjian Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 137. Shengjian Main Business

Table 138. Shengjian Latest Developments

Table 139. MAT Plus Basic Information, Gas Scrubbers for Semiconductor

Manufacturing Base, Sales Area and Its Competitors

Table 140. MAT Plus Gas Scrubbers for Semiconductor Product Portfolios and Specifications

Table 141. MAT Plus Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 142. MAT Plus Main Business

Table 143. MAT Plus Latest Developments

Table 144. KC Innovation Basic Information, Gas Scrubbers for SemiconductorManufacturing Base, Sales Area and Its Competitors

Table 145. KC Innovation Gas Scrubbers for Semiconductor Product Portfolios and Specifications

Table 146. KC Innovation Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 147. KC Innovation Main Business

Table 148. KC Innovation Latest Developments

Table 149. Triple Cores Technology Basic Information, Gas Scrubbers for

Semiconductor Manufacturing Base, Sales Area and Its Competitors

Table 150. Triple Cores Technology Gas Scrubbers for Semiconductor ProductPortfolios and Specifications

Table 151. Triple Cores Technology Gas Scrubbers for Semiconductor Sales (Units),

Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

 Table 152. Triple Cores Technology Main Business

Table 153. Triple Cores Technology Latest Developments

Table 154. Japan Pionics Basic Information, Gas Scrubbers for Semiconductor

Manufacturing Base, Sales Area and Its Competitors

Table 155. Japan Pionics Gas Scrubbers for Semiconductor Product Portfolios and Specifications

Table 156. Japan Pionics Gas Scrubbers for Semiconductor Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 157. Japan Pionics Main Business

 Table 158. Japan Pionics Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Gas Scrubbers for Semiconductor
- Figure 2. Gas Scrubbers for Semiconductor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Gas Scrubbers for Semiconductor Sales Growth Rate 2019-2030 (Units)

Figure 7. Global Gas Scrubbers for Semiconductor Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Gas Scrubbers for Semiconductor Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Gas Scrubbers for Semiconductor Sales Market Share by Country/Region (2023)

Figure 10. Gas Scrubbers for Semiconductor Sales Market Share by Country/Region (2019, 2023 & 2030)

- Figure 11. Product Picture of Burn Scrubber
- Figure 12. Product Picture of Plasma Scrubber
- Figure 13. Product Picture of Heat Wet Scrubber
- Figure 14. Product Picture of Dry Scrubber

Figure 15. Global Gas Scrubbers for Semiconductor Sales Market Share by Type in 2023

Figure 16. Global Gas Scrubbers for Semiconductor Revenue Market Share by Type (2019-2024)

Figure 17. Gas Scrubbers for Semiconductor Consumed in CVD (SiH4, NF3, WF6, B2H6, TEOS, TDMAT, N2O, C3H6, Etc.)

Figure 18. Global Gas Scrubbers for Semiconductor Market: CVD (SiH4, NF3, WF6, B2H6, TEOS, TDMAT, N2O, C3H6, Etc.) (2019-2024) & (Units)

Figure 19. Gas Scrubbers for Semiconductor Consumed in Diffusion (SiH4, TEOS, DCS, NH3, CIF3, B2H6, Etc.)

Figure 20. Global Gas Scrubbers for Semiconductor Market: Diffusion (SiH4, TEOS, DCS, NH3, CIF3, B2H6, Etc.) (2019-2024) & (Units)

Figure 21. Gas Scrubbers for Semiconductor Consumed in Etch (CF4, SF6, BCl3, Cl2, HBr, Etc.)

Figure 22. Global Gas Scrubbers for Semiconductor Market: Etch (CF4, SF6, BCl3, Cl2, HBr, Etc.) (2019-2024) & (Units)



Figure 23. Gas Scrubbers for Semiconductor Consumed in Others

Figure 24. Global Gas Scrubbers for Semiconductor Market: Others (2019-2024) & (Units)

Figure 25. Global Gas Scrubbers for Semiconductor Sale Market Share by Application (2023)

Figure 26. Global Gas Scrubbers for Semiconductor Revenue Market Share by Application in 2023

Figure 27. Gas Scrubbers for Semiconductor Sales by Company in 2023 (Units) Figure 28. Global Gas Scrubbers for Semiconductor Sales Market Share by Company

in 2023

Figure 29. Gas Scrubbers for Semiconductor Revenue by Company in 2023 (\$ millions)

Figure 30. Global Gas Scrubbers for Semiconductor Revenue Market Share by Company in 2023

Figure 31. Global Gas Scrubbers for Semiconductor Sales Market Share by Geographic Region (2019-2024)

Figure 32. Global Gas Scrubbers for Semiconductor Revenue Market Share by Geographic Region in 2023

Figure 33. Americas Gas Scrubbers for Semiconductor Sales 2019-2024 (Units)

Figure 34. Americas Gas Scrubbers for Semiconductor Revenue 2019-2024 (\$ millions)

Figure 35. APAC Gas Scrubbers for Semiconductor Sales 2019-2024 (Units)

Figure 36. APAC Gas Scrubbers for Semiconductor Revenue 2019-2024 (\$ millions)

Figure 37. Europe Gas Scrubbers for Semiconductor Sales 2019-2024 (Units)

Figure 38. Europe Gas Scrubbers for Semiconductor Revenue 2019-2024 (\$ millions)

Figure 39. Middle East & Africa Gas Scrubbers for Semiconductor Sales 2019-2024 (Units)

Figure 40. Middle East & Africa Gas Scrubbers for Semiconductor Revenue 2019-2024 (\$ millions)

Figure 41. Americas Gas Scrubbers for Semiconductor Sales Market Share by Country in 2023

Figure 42. Americas Gas Scrubbers for Semiconductor Revenue Market Share by Country (2019-2024)

Figure 43. Americas Gas Scrubbers for Semiconductor Sales Market Share by Type (2019-2024)

Figure 44. Americas Gas Scrubbers for Semiconductor Sales Market Share by Application (2019-2024)

Figure 45. United States Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 46. Canada Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)



Figure 47. Mexico Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 48. Brazil Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 49. APAC Gas Scrubbers for Semiconductor Sales Market Share by Region in 2023

Figure 50. APAC Gas Scrubbers for Semiconductor Revenue Market Share by Region (2019-2024)

Figure 51. APAC Gas Scrubbers for Semiconductor Sales Market Share by Type (2019-2024)

Figure 52. APAC Gas Scrubbers for Semiconductor Sales Market Share by Application (2019-2024)

Figure 53. China Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 54. Japan Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 55. South Korea Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 56. Southeast Asia Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 57. India Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 58. Australia Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 59. China Taiwan Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 60. Europe Gas Scrubbers for Semiconductor Sales Market Share by Country in 2023

Figure 61. Europe Gas Scrubbers for Semiconductor Revenue Market Share by Country (2019-2024)

Figure 62. Europe Gas Scrubbers for Semiconductor Sales Market Share by Type (2019-2024)

Figure 63. Europe Gas Scrubbers for Semiconductor Sales Market Share by Application (2019-2024)

Figure 64. Germany Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 65. France Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 66. UK Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$



millions)

Figure 67. Italy Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 68. Russia Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 69. Middle East & Africa Gas Scrubbers for Semiconductor Sales Market Share by Country (2019-2024)

Figure 70. Middle East & Africa Gas Scrubbers for Semiconductor Sales Market Share by Type (2019-2024)

Figure 71. Middle East & Africa Gas Scrubbers for Semiconductor Sales Market Share by Application (2019-2024)

Figure 72. Egypt Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 73. South Africa Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 74. Israel Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 75. Turkey Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 76. GCC Countries Gas Scrubbers for Semiconductor Revenue Growth 2019-2024 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Gas Scrubbers for Semiconductor in 2023

Figure 78. Manufacturing Process Analysis of Gas Scrubbers for Semiconductor

Figure 79. Industry Chain Structure of Gas Scrubbers for Semiconductor

Figure 80. Channels of Distribution

Figure 81. Global Gas Scrubbers for Semiconductor Sales Market Forecast by Region (2025-2030)

Figure 82. Global Gas Scrubbers for Semiconductor Revenue Market Share Forecast by Region (2025-2030)

Figure 83. Global Gas Scrubbers for Semiconductor Sales Market Share Forecast by Type (2025-2030)

Figure 84. Global Gas Scrubbers for Semiconductor Revenue Market Share Forecast by Type (2025-2030)

Figure 85. Global Gas Scrubbers for Semiconductor Sales Market Share Forecast by Application (2025-2030)

Figure 86. Global Gas Scrubbers for Semiconductor Revenue Market Share Forecast by Application (2025-2030)



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