

Global Semiconductor Gas Phase Filtration Market Growth 2025-2031

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Abstracts

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The global Semiconductor Gas Phase Filtration market size is predicted to grow from US\$ 475 million in 2025 to US\$ 788 million in 2031; it is expected to grow at a CAGR of 8.8% from 2025 to 2031.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

LP Information, Inc. (LPI) ' newest research report, the "Semiconductor Gas Phase Filtration Industry Forecast" looks at past sales and reviews total world Semiconductor Gas Phase Filtration sales in 2024, providing a comprehensive analysis by region and market sector of projected Semiconductor Gas Phase Filtration sales for 2025 through

2031. With Semiconductor Gas Phase Filtration sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Gas Phase Filtration industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Gas Phase Filtration 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 Semiconductor Gas Phase Filtration portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Gas Phase Filtration market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Gas Phase Filtration 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 bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Semiconductor Gas Phase Filtration.

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

Segmentation by Type:

Activated Carbon Filter

Activated Alumina Filter

Others

Segmentation by Application:

Integrated Circuit

Discrete Device

Sensor

Optoelectronic Devices

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.

Daikin

Mann+Hummel

Filtration Group

Nichias

Parker

Freudenberg Filtration Technologies

D-Mark, Inc

Toyobo

Mayair

Suzhou Huatai Airtech Filter

Deltrian International

HS-Luftfilterbau GmbH

Jiangsu Shenda

Cosmos Air Purification & Environmental System

Key Questions Addressed in this Report

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

What factors are driving Semiconductor Gas Phase Filtration market growth, globally and by region?

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

How do Semiconductor Gas Phase Filtration market opportunities vary by end market size?

How does Semiconductor Gas Phase Filtration 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 Semiconductor Gas Phase Filtration Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Semiconductor Gas Phase Filtration by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Semiconductor Gas Phase Filtration by Country/Region, 2020, 2024 & 2031
- 2.2 Semiconductor Gas Phase Filtration Segment by Type
 - 2.2.1 Activated Carbon Filter
 - 2.2.2 Activated Alumina Filter
 - 2.2.3 Others
- 2.3 Semiconductor Gas Phase Filtration Sales by Type
 - 2.3.1 Global Semiconductor Gas Phase Filtration Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Semiconductor Gas Phase Filtration Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Semiconductor Gas Phase Filtration Sale Price by Type (2020-2025)
- 2.4 Semiconductor Gas Phase Filtration Segment by Application
 - 2.4.1 Integrated Circuit
 - 2.4.2 Discrete Device
 - 2.4.3 Sensor
 - 2.4.4 Optoelectronic Devices
- 2.5 Semiconductor Gas Phase Filtration Sales by Application
 - 2.5.1 Global Semiconductor Gas Phase Filtration Sale Market Share by Application (2020-2025)

2.5.2 Global Semiconductor Gas Phase Filtration Revenue and Market Share by Application (2020-2025)

2.5.3 Global Semiconductor Gas Phase Filtration Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Semiconductor Gas Phase Filtration Breakdown Data by Company

3.1.1 Global Semiconductor Gas Phase Filtration Annual Sales by Company (2020-2025)

3.1.2 Global Semiconductor Gas Phase Filtration Sales Market Share by Company (2020-2025)

3.2 Global Semiconductor Gas Phase Filtration Annual Revenue by Company (2020-2025)

3.2.1 Global Semiconductor Gas Phase Filtration Revenue by Company (2020-2025)

3.2.2 Global Semiconductor Gas Phase Filtration Revenue Market Share by Company (2020-2025)

3.3 Global Semiconductor Gas Phase Filtration Sale Price by Company

3.4 Key Manufacturers Semiconductor Gas Phase Filtration Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Semiconductor Gas Phase Filtration Product Location Distribution

3.4.2 Players Semiconductor Gas Phase Filtration Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SEMICONDUCTOR GAS PHASE FILTRATION BY GEOGRAPHIC REGION

4.1 World Historic Semiconductor Gas Phase Filtration Market Size by Geographic Region (2020-2025)

4.1.1 Global Semiconductor Gas Phase Filtration Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Semiconductor Gas Phase Filtration Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Semiconductor Gas Phase Filtration Market Size by Country/Region

(2020-2025)

4.2.1 Global Semiconductor Gas Phase Filtration Annual Sales by Country/Region

(2020-2025)

4.2.2 Global Semiconductor Gas Phase Filtration Annual Revenue by Country/Region

(2020-2025)

4.3 Americas Semiconductor Gas Phase Filtration Sales Growth

4.4 APAC Semiconductor Gas Phase Filtration Sales Growth

4.5 Europe Semiconductor Gas Phase Filtration Sales Growth

4.6 Middle East & Africa Semiconductor Gas Phase Filtration Sales Growth

5 AMERICAS

5.1 Americas Semiconductor Gas Phase Filtration Sales by Country

5.1.1 Americas Semiconductor Gas Phase Filtration Sales by Country (2020-2025)

5.1.2 Americas Semiconductor Gas Phase Filtration Revenue by Country (2020-2025)

5.2 Americas Semiconductor Gas Phase Filtration Sales by Type (2020-2025)

5.3 Americas Semiconductor Gas Phase Filtration Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Semiconductor Gas Phase Filtration Sales by Region

6.1.1 APAC Semiconductor Gas Phase Filtration Sales by Region (2020-2025)

6.1.2 APAC Semiconductor Gas Phase Filtration Revenue by Region (2020-2025)

6.2 APAC Semiconductor Gas Phase Filtration Sales by Type (2020-2025)

6.3 APAC Semiconductor Gas Phase Filtration Sales by Application (2020-2025)

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 Semiconductor Gas Phase Filtration by Country

7.1.1 Europe Semiconductor Gas Phase Filtration Sales by Country (2020-2025)

7.1.2 Europe Semiconductor Gas Phase Filtration Revenue by Country (2020-2025)

7.2 Europe Semiconductor Gas Phase Filtration Sales by Type (2020-2025)

7.3 Europe Semiconductor Gas Phase Filtration Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Semiconductor Gas Phase Filtration by Country

8.1.1 Middle East & Africa Semiconductor Gas Phase Filtration Sales by Country (2020-2025)

8.1.2 Middle East & Africa Semiconductor Gas Phase Filtration Revenue by Country (2020-2025)

8.2 Middle East & Africa Semiconductor Gas Phase Filtration Sales by Type (2020-2025)

8.3 Middle East & Africa Semiconductor Gas Phase Filtration Sales by Application (2020-2025)

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 Semiconductor Gas Phase Filtration

10.3 Manufacturing Process Analysis of Semiconductor Gas Phase Filtration

10.4 Industry Chain Structure of Semiconductor Gas Phase Filtration

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Semiconductor Gas Phase Filtration Distributors

11.3 Semiconductor Gas Phase Filtration Customer

12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR GAS PHASE FILTRATION BY GEOGRAPHIC REGION

12.1 Global Semiconductor Gas Phase Filtration Market Size Forecast by Region

12.1.1 Global Semiconductor Gas Phase Filtration Forecast by Region (2026-2031)

12.1.2 Global Semiconductor Gas Phase Filtration Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Semiconductor Gas Phase Filtration Forecast by Type (2026-2031)

12.7 Global Semiconductor Gas Phase Filtration Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Daikin

13.1.1 Daikin Company Information

13.1.2 Daikin Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.1.3 Daikin Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Daikin Main Business Overview

13.1.5 Daikin Latest Developments

13.2 Mann+Hummel

13.2.1 Mann+Hummel Company Information

13.2.2 Mann+Hummel Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.2.3 Mann+Hummel Semiconductor Gas Phase Filtration Sales, Revenue, Price and

Gross Margin (2020-2025)

13.2.4 Mann+Hummel Main Business Overview

13.2.5 Mann+Hummel Latest Developments

13.3 Filtration Group

13.3.1 Filtration Group Company Information

13.3.2 Filtration Group Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.3.3 Filtration Group Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Filtration Group Main Business Overview

13.3.5 Filtration Group Latest Developments

13.4 Nichias

13.4.1 Nichias Company Information

13.4.2 Nichias Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.4.3 Nichias Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Nichias Main Business Overview

13.4.5 Nichias Latest Developments

13.5 Parker

13.5.1 Parker Company Information

13.5.2 Parker Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.5.3 Parker Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Parker Main Business Overview

13.5.5 Parker Latest Developments

13.6 Freudenberg Filtration Technologies

13.6.1 Freudenberg Filtration Technologies Company Information

13.6.2 Freudenberg Filtration Technologies Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.6.3 Freudenberg Filtration Technologies Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Freudenberg Filtration Technologies Main Business Overview

13.6.5 Freudenberg Filtration Technologies Latest Developments

13.7 D-Mark, Inc

13.7.1 D-Mark, Inc Company Information

13.7.2 D-Mark, Inc Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.7.3 D-Mark, Inc Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 D-Mark, Inc Main Business Overview

13.7.5 D-Mark, Inc Latest Developments

13.8 Toyobo

13.8.1 Toyobo Company Information

13.8.2 Toyobo Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.8.3 Toyobo Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Toyobo Main Business Overview

13.8.5 Toyobo Latest Developments

13.9 Mayair

13.9.1 Mayair Company Information

13.9.2 Mayair Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.9.3 Mayair Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Mayair Main Business Overview

13.9.5 Mayair Latest Developments

13.10 Suzhou Huatai Airtech Filter

13.10.1 Suzhou Huatai Airtech Filter Company Information

13.10.2 Suzhou Huatai Airtech Filter Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.10.3 Suzhou Huatai Airtech Filter Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Suzhou Huatai Airtech Filter Main Business Overview

13.10.5 Suzhou Huatai Airtech Filter Latest Developments

13.11 Deltrian International

13.11.1 Deltrian International Company Information

13.11.2 Deltrian International Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.11.3 Deltrian International Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Deltrian International Main Business Overview

13.11.5 Deltrian International Latest Developments

13.12 HS-Luftfilterbau GmbH

13.12.1 HS-Luftfilterbau GmbH Company Information

13.12.2 HS-Luftfilterbau GmbH Semiconductor Gas Phase Filtration Product Portfolios

and Specifications

13.12.3 HS-Luftfilterbau GmbH Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 HS-Luftfilterbau GmbH Main Business Overview

13.12.5 HS-Luftfilterbau GmbH Latest Developments

13.13 Jiangsu Shenda

13.13.1 Jiangsu Shenda Company Information

13.13.2 Jiangsu Shenda Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.13.3 Jiangsu Shenda Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Jiangsu Shenda Main Business Overview

13.13.5 Jiangsu Shenda Latest Developments

13.14 Cosmos Air Purification & Environmental System

13.14.1 Cosmos Air Purification & Environmental System Company Information

13.14.2 Cosmos Air Purification & Environmental System Semiconductor Gas Phase Filtration Product Portfolios and Specifications

13.14.3 Cosmos Air Purification & Environmental System Semiconductor Gas Phase Filtration Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Cosmos Air Purification & Environmental System Main Business Overview

13.14.5 Cosmos Air Purification & Environmental System Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

Table 1. Semiconductor Gas Phase Filtration Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Semiconductor Gas Phase Filtration Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Activated Carbon Filter

Table 4. Major Players of Activated Alumina Filter

Table 5. Major Players of Others

Table 6. Global Semiconductor Gas Phase Filtration Sales by Type (2020-2025) & (K Units)

Table 7. Global Semiconductor Gas Phase Filtration Sales Market Share by Type (2020-2025)

Table 8. Global Semiconductor Gas Phase Filtration Revenue by Type (2020-2025) & (\$

million)

Table 9. Global Semiconductor Gas PhaseFiltration Revenue Market Share byType (2020-2025)

Table 10. Global Semiconductor Gas PhaseFiltration Sale Price byType (2020-2025) & (US\$/Unit)

Table 11. Global Semiconductor Gas PhaseFiltration Sale by Application (2020-2025) & (K Units)

Table 12. Global Semiconductor Gas PhaseFiltration Sale Market Share by Application (2020-2025)

Table 13. Global Semiconductor Gas PhaseFiltration Revenue by Application (2020-2025) & (\$ million)

Table 14. Global Semiconductor Gas PhaseFiltration Revenue Market Share by Application (2020-2025)

Table 15. Global Semiconductor Gas PhaseFiltration Sale Price by Application (2020-2025) & (US\$/Unit)

Table 16. Global Semiconductor Gas PhaseFiltration Sales by Company (2020-2025) & (K Units)

Table 17. Global Semiconductor Gas PhaseFiltration Sales Market Share by Company (2020-2025)

Table 18. Global Semiconductor Gas PhaseFiltration Revenue by Company (2020-2025) & (\$ millions)

Table 19. Global Semiconductor Gas PhaseFiltration Revenue Market Share by Company (2020-2025)

Table 20. Global Semiconductor Gas PhaseFiltration Sale Price by Company (2020-2025) & (US\$/Unit)

Table 21. Key Manufacturers Semiconductor Gas PhaseFiltration Producing Area Distribution and Sales Area

Table 22. Players Semiconductor Gas PhaseFiltration Products Offered

Table 23. Semiconductor Gas PhaseFiltration Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Semiconductor Gas PhaseFiltration Sales by Geographic Region (2020-2025) & (K Units)

Table 27. Global Semiconductor Gas PhaseFiltration Sales Market Share Geographic Region (2020-2025)

Table 28. Global Semiconductor Gas PhaseFiltration Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 29. Global Semiconductor Gas PhaseFiltration Revenue Market Share by

Geographic Region (2020-2025)

Table 30. Global Semiconductor Gas Phase Filtration Sales by Country/Region (2020-2025) & (K Units)

Table 31. Global Semiconductor Gas Phase Filtration Sales Market Share by Country/Region (2020-2025)

Table 32. Global Semiconductor Gas Phase Filtration Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global Semiconductor Gas Phase Filtration Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas Semiconductor Gas Phase Filtration Sales by Country (2020-2025) & (K Units)

Table 35. Americas Semiconductor Gas Phase Filtration Sales Market Share by Country (2020-2025)

Table 36. Americas Semiconductor Gas Phase Filtration Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas Semiconductor Gas Phase Filtration Sales by Type (2020-2025) & (K Units)

Table 38. Americas Semiconductor Gas Phase Filtration Sales by Application (2020-2025) & (K Units)

Table 39. APAC Semiconductor Gas Phase Filtration Sales by Region (2020-2025) & (K Units)

Table 40. APAC Semiconductor Gas Phase Filtration Sales Market Share by Region (2020-2025)

Table 41. APAC Semiconductor Gas Phase Filtration Revenue by Region (2020-2025) & (\$ millions)

Table 42. APAC Semiconductor Gas Phase Filtration Sales by Type (2020-2025) & (K Units)

Table 43. APAC Semiconductor Gas Phase Filtration Sales by Application (2020-2025) & (K Units)

Table 44. Europe Semiconductor Gas Phase Filtration Sales by Country (2020-2025) & (K Units)

Table 45. Europe Semiconductor Gas Phase Filtration Revenue by Country (2020-2025) & (\$ millions)

Table 46. Europe Semiconductor Gas Phase Filtration Sales by Type (2020-2025) & (K Units)

Table 47. Europe Semiconductor Gas Phase Filtration Sales by Application (2020-2025) & (K Units)

Table 48. Middle East & Africa Semiconductor Gas Phase Filtration Sales by Country (2020-2025) & (K Units)

Table 49. Middle East & Africa Semiconductor Gas PhaseFiltration Revenue Market Share by Country (2020-2025)

Table 50. Middle East & Africa Semiconductor Gas PhaseFiltration Sales byType (2020-2025) & (K Units)

Table 51. Middle East & Africa Semiconductor Gas PhaseFiltration Sales by Application (2020-2025) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Semiconductor Gas PhaseFiltration

Table 53. Key Market Challenges & Risks of Semiconductor Gas PhaseFiltration

Table 54. Key IndustryTrends of Semiconductor Gas PhaseFiltration

Table 55. Semiconductor Gas PhaseFiltration Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Semiconductor Gas PhaseFiltration Distributors List

Table 58. Semiconductor Gas PhaseFiltration Customer List

Table 59. Global Semiconductor Gas PhaseFiltration SalesForecast by Region (2026-2031) & (K Units)

Table 60. Global Semiconductor Gas PhaseFiltration RevenueForecast by Region (2026-2031) & (\$ millions)

Table 61. Americas Semiconductor Gas PhaseFiltration SalesForecast by Country (2026-2031) & (K Units)

Table 62. Americas Semiconductor Gas PhaseFiltration Annual RevenueForecast by Country (2026-2031) & (\$ millions)

Table 63. APAC Semiconductor Gas PhaseFiltration SalesForecast by Region (2026-2031) & (K Units)

Table 64. APAC Semiconductor Gas PhaseFiltration Annual RevenueForecast by Region (2026-2031) & (\$ millions)

Table 65. Europe Semiconductor Gas PhaseFiltration SalesForecast by Country (2026-2031) & (K Units)

Table 66. Europe Semiconductor Gas PhaseFiltration RevenueForecast by Country (2026-2031) & (\$ millions)

Table 67. Middle East & Africa Semiconductor Gas PhaseFiltration SalesForecast by Country (2026-2031) & (K Units)

Table 68. Middle East & Africa Semiconductor Gas PhaseFiltration RevenueForecast by Country (2026-2031) & (\$ millions)

Table 69. Global Semiconductor Gas PhaseFiltration SalesForecast byType (2026-2031) & (K Units)

Table 70. Global Semiconductor Gas PhaseFiltration RevenueForecast byType (2026-2031) & (\$ millions)

Table 71. Global Semiconductor Gas PhaseFiltration SalesForecast by Application

(2026-2031) & (K Units)

Table 72. Global Semiconductor Gas PhaseFiltration RevenueForecast by Application (2026-2031) & (\$ millions)

Table 73. Daikin Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 74. Daikin Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 75. Daikin Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 76. Daikin Main Business

Table 77. Daikin Latest Developments

Table 78. Mann+Hummel Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 79. Mann+Hummel Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 80. Mann+Hummel Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 81. Mann+Hummel Main Business

Table 82. Mann+Hummel Latest Developments

Table 83. Filtration Group Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 84. Filtration Group Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 85. Filtration Group Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 86. Filtration Group Main Business

Table 87. Filtration Group Latest Developments

Table 88. Nichias Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 89. Nichias Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 90. Nichias Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 91. Nichias Main Business

Table 92. Nichias Latest Developments

Table 93. Parker Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 94. Parker Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 95. Parker Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 96. Parker Main Business

Table 97. Parker Latest Developments

Table 98.FreudenbergFiltrationTechnologies Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 99.FreudenbergFiltrationTechnologies Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 100.FreudenbergFiltrationTechnologies Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 101.FreudenbergFiltrationTechnologies Main Business

Table 102.FreudenbergFiltrationTechnologies Latest Developments

Table 103. D-Mark, Inc Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 104. D-Mark, Inc Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 105. D-Mark, Inc Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 106. D-Mark, Inc Main Business

Table 107. D-Mark, Inc Latest Developments

Table 108.Toyobo Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 109.Toyobo Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 110.Toyobo Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 111.Toyobo Main Business

Table 112.Toyobo Latest Developments

Table 113. Mayair Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 114. Mayair Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 115. Mayair Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 116. Mayair Main Business

Table 117. Mayair Latest Developments

Table 118. Suzhou Huatai AirtechFilter Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 119. Suzhou Huatai AirtechFilter Semiconductor Gas PhaseFiltration Product

Portfolios and Specifications

Table 120. Suzhou Huatai AirtechFilter Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 121. Suzhou Huatai AirtechFilter Main Business

Table 122. Suzhou Huatai AirtechFilter Latest Developments

Table 123. Deltrian International Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 124. Deltrian International Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 125. Deltrian International Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 126. Deltrian International Main Business

Table 127. Deltrian International Latest Developments

Table 128. HS-Luftfilterbau GmbH Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 129. HS-Luftfilterbau GmbH Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 130. HS-Luftfilterbau GmbH Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 131. HS-Luftfilterbau GmbH Main Business

Table 132. HS-Luftfilterbau GmbH Latest Developments

Table 133. Jiangsu Shenda Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 134. Jiangsu Shenda Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 135. Jiangsu Shenda Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 136. Jiangsu Shenda Main Business

Table 137. Jiangsu Shenda Latest Developments

Table 138. Cosmos Air Purification & Environmental System Basic Information, Semiconductor Gas PhaseFiltration Manufacturing Base, Sales Area and Its Competitors

Table 139. Cosmos Air Purification & Environmental System Semiconductor Gas PhaseFiltration Product Portfolios and Specifications

Table 140. Cosmos Air Purification & Environmental System Semiconductor Gas PhaseFiltration Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 141. Cosmos Air Purification & Environmental System Main Business

Table 142. Cosmos Air Purification & Environmental System Latest Developments

LIST OFFIGURES

Figure 1. Picture of Semiconductor Gas PhaseFiltration

Figure 2. Semiconductor Gas PhaseFiltration Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Semiconductor Gas PhaseFiltration Sales Growth Rate 2020-2031 (K Units)

Figure 7. Global Semiconductor Gas PhaseFiltration Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Semiconductor Gas PhaseFiltration Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Semiconductor Gas PhaseFiltration Sales Market Share by Country/Region (2024)

Figure 10. Semiconductor Gas PhaseFiltration Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of Activated CarbonFilter

Figure 12. Product Picture of Activated AluminaFilter

Figure 13. Product Picture of Others

Figure 14. Global Semiconductor Gas PhaseFiltration Sales Market Share byType in 2025

Figure 15. Global Semiconductor Gas PhaseFiltration Revenue Market Share byType (2020-2025)

Figure 16. Semiconductor Gas PhaseFiltration Consumed in Integrated Circuit

Figure 17. Global Semiconductor Gas PhaseFiltration Market: Integrated Circuit (2020-2025) & (K Units)

Figure 18. Semiconductor Gas PhaseFiltration Consumed in Discrete Device

Figure 19. Global Semiconductor Gas PhaseFiltration Market: Discrete Device (2020-2025) & (K Units)

Figure 20. Semiconductor Gas PhaseFiltration Consumed in Sensor

Figure 21. Global Semiconductor Gas PhaseFiltration Market: Sensor (2020-2025) & (K Units)

Figure 22. Semiconductor Gas PhaseFiltration Consumed in Optoelectronic Devices

Figure 23. Global Semiconductor Gas PhaseFiltration Market: Optoelectronic Devices (2020-2025) & (K Units)

Figure 24. Global Semiconductor Gas PhaseFiltration Sale Market Share by Application (2024)

Figure 25. Global Semiconductor Gas PhaseFiltration Revenue Market Share by Application in 2025

Figure 26. Semiconductor Gas PhaseFiltration Sales by Company in 2025 (K Units)

Figure 27. Global Semiconductor Gas PhaseFiltration Sales Market Share by Company in 2025

Figure 28. Semiconductor Gas PhaseFiltration Revenue by Company in 2025 (\$ millions)

Figure 29. Global Semiconductor Gas PhaseFiltration Revenue Market Share by Company in 2025

Figure 30. Global Semiconductor Gas PhaseFiltration Sales Market Share by Geographic Region (2020-2025)

Figure 31. Global Semiconductor Gas PhaseFiltration Revenue Market Share by Geographic Region in 2025

Figure 32. Americas Semiconductor Gas PhaseFiltration Sales 2020-2025 (K Units)

Figure 33. Americas Semiconductor Gas PhaseFiltration Revenue 2020-2025 (\$ millions)

Figure 34. APAC Semiconductor Gas PhaseFiltration Sales 2020-2025 (K Units)

Figure 35. APAC Semiconductor Gas PhaseFiltration Revenue 2020-2025 (\$ millions)

Figure 36. Europe Semiconductor Gas PhaseFiltration Sales 2020-2025 (K Units)

Figure 37. Europe Semiconductor Gas PhaseFiltration Revenue 2020-2025 (\$ millions)

Figure 38. Middle East & Africa Semiconductor Gas PhaseFiltration Sales 2020-2025 (K Units)

Figure 39. Middle East & Africa Semiconductor Gas PhaseFiltration Revenue 2020-2025 (\$ millions)

Figure 40. Americas Semiconductor Gas PhaseFiltration Sales Market Share by Country in 2025

Figure 41. Americas Semiconductor Gas PhaseFiltration Revenue Market Share by Country (2020-2025)

Figure 42. Americas Semiconductor Gas PhaseFiltration Sales Market Share byType (2020-2025)

Figure 43. Americas Semiconductor Gas PhaseFiltration Sales Market Share by Application (2020-2025)

Figure 44. United States Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 45. Canada Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 46. Mexico Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$

millions)

Figure 47. Brazil Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 48. APAC Semiconductor Gas PhaseFiltration Sales Market Share by Region in 2025

Figure 49. APAC Semiconductor Gas PhaseFiltration Revenue Market Share by Region (2020-2025)

Figure 50. APAC Semiconductor Gas PhaseFiltration Sales Market Share byType (2020-2025)

Figure 51. APAC Semiconductor Gas PhaseFiltration Sales Market Share by Application (2020-2025)

Figure 52. China Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 53. Japan Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 54. South Korea Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 55. Southeast Asia Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 56. India Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 57. Australia Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 58. ChinaTaiwan Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 59. Europe Semiconductor Gas PhaseFiltration Sales Market Share by Country in 2025

Figure 60. Europe Semiconductor Gas PhaseFiltration Revenue Market Share by Country (2020-2025)

Figure 61. Europe Semiconductor Gas PhaseFiltration Sales Market Share byType (2020-2025)

Figure 62. Europe Semiconductor Gas PhaseFiltration Sales Market Share by Application (2020-2025)

Figure 63. Germany Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 64. France Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 65. UK Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 66. Italy Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 67. Russia Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 68. Middle East & Africa Semiconductor Gas PhaseFiltration Sales Market Share by Country (2020-2025)

Figure 69. Middle East & Africa Semiconductor Gas PhaseFiltration Sales Market Share byType (2020-2025)

Figure 70. Middle East & Africa Semiconductor Gas PhaseFiltration Sales Market Share by Application (2020-2025)

Figure 71. Egypt Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 72. South Africa Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 73. Israel Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 74. Turkey Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 75. GCC Countries Semiconductor Gas PhaseFiltration Revenue Growth 2020-2025 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Semiconductor Gas PhaseFiltration in 2025

Figure 77. Manufacturing Process Analysis of Semiconductor Gas PhaseFiltration

Figure 78. Industry Chain Structure of Semiconductor Gas PhaseFiltration

Figure 79. Channels of Distribution

Figure 80. Global Semiconductor Gas PhaseFiltration Sales MarketForecast by Region (2026-2031)

Figure 81. Global Semiconductor Gas PhaseFiltration Revenue Market ShareForecast by Region (2026-2031)

Figure 82. Global Semiconductor Gas PhaseFiltration Sales Market ShareForecast byType (2026-2031)

Figure 83. Global Semiconductor Gas PhaseFiltration Revenue Market ShareForecast byType (2026-2031)

Figure 84. Global Semiconductor Gas PhaseFiltration Sales Market ShareForecast by Application (2026-2031)

Figure 85. Global Semiconductor Gas PhaseFiltration Revenue Market ShareForecast by Application (2026-2031)

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