

Global Semiconductor Etch and Deposition Equipment Market Growth 2025-2031

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Abstracts

The global Semiconductor Etch and Deposition Equipment market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

This report focus on Semiconductor Etch and Deposition Equipment market.

Etching is a process in which layers from the surface of a wafer are removed using chemicals. An etch system shapes the thin film into a desired patterns using liquid chemicals, reaction gases or ion chemical reaction. An etch system is used in manufacturing lines for semiconductors and other electronic devices. Semiconductor etch equipment is used copiously in various semiconductor fabrication processes. Among the different types of semiconductor etch equipment available in the market, dry etch equipment held the largest etch equipment market share in 2016 both in terms of revenue and volume. Reduced material consumption coupled with low cost associated with disposing the materials.

Deposition is any process that grows, coats, or otherwise transfers a material onto the wafer. Available technologies include physical vapor deposition (PVD), chemical vapor deposition (CVD), electrochemical deposition (ECD), molecular beam epitaxy (MBE) and more recently, atomic layer deposition (ALD) among others. De

According to our Semiconductor Research Center, in 2022, the global semiconductor

equipment was valued at US\$ 109 billion. China mainland, China Taiwan and South Korea have a combined market share over 70%. North America, Europe and Japan, have a combined market share of 23%. The key drivers are high performance computing, AI, cloud computing, Servers, 5G and EV (electric vehicle), etc.

LP Information, Inc. (LPI) ' newest research report, the "Semiconductor Etch and Deposition Equipment Industry Forecast" looks at past sales and reviews total world Semiconductor Etch and Deposition Equipment sales in 2024, providing a comprehensive analysis by region and market sector of projected Semiconductor Etch and Deposition Equipment sales for 2025 through 2031. With Semiconductor Etch and Deposition Equipment sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Etch and Deposition Equipment industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Etch and Deposition Equipment 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 Etch and Deposition Equipment.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Etch and Deposition Equipment market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Etching Equipment

Deposition Equipment

Segmentation by Application:

Logic and Memory

MEMS

Power Device

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.

Lam Research

Tokyo Electron Limited

Applied Materials

Hitachi High-Technologies

Oxford Instruments

SPTS Technologies

Plasma-Therm

GigaLane

SAMCO Inc

NAURA

AMEC

Veeco Instruments Inc

AIXTRON SE

ASM International

CVD Equipment Corporation

Kokusai Semiconductor Equipment Corporation (KSEC)

ULVAC Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Etch and Deposition Equipment market?

What factors are driving Semiconductor Etch and Deposition Equipment market growth, globally and by region?

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

How do Semiconductor Etch and Deposition Equipment market opportunities vary by end market size?

How does Semiconductor Etch and Deposition Equipment 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 Etch and Deposition Equipment Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Semiconductor Etch and Deposition Equipment by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Semiconductor Etch and Deposition Equipment by Country/Region, 2020, 2024 & 2031
- 2.2 Semiconductor Etch and Deposition Equipment Segment by Type
 - 2.2.1 Etching Equipment
 - 2.2.2 Deposition Equipment
- 2.3 Semiconductor Etch and Deposition Equipment Sales by Type
 - 2.3.1 Global Semiconductor Etch and Deposition Equipment Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Semiconductor Etch and Deposition Equipment Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Semiconductor Etch and Deposition Equipment Sale Price by Type (2020-2025)
- 2.4 Semiconductor Etch and Deposition Equipment Segment by Application
 - 2.4.1 Logic and Memory
 - 2.4.2 MEMS
 - 2.4.3 Power Device
 - 2.4.4 Others
- 2.5 Semiconductor Etch and Deposition Equipment Sales by Application
 - 2.5.1 Global Semiconductor Etch and Deposition Equipment Sale Market Share by Application (2020-2025)

2.5.2 Global Semiconductor Etch and Deposition Equipment Revenue and Market Share by Application (2020-2025)

2.5.3 Global Semiconductor Etch and Deposition Equipment Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Semiconductor Etch and Deposition Equipment Breakdown Data by Company

3.1.1 Global Semiconductor Etch and Deposition Equipment Annual Sales by Company (2020-2025)

3.1.2 Global Semiconductor Etch and Deposition Equipment Sales Market Share by Company (2020-2025)

3.2 Global Semiconductor Etch and Deposition Equipment Annual Revenue by Company (2020-2025)

3.2.1 Global Semiconductor Etch and Deposition Equipment Revenue by Company (2020-2025)

3.2.2 Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Company (2020-2025)

3.3 Global Semiconductor Etch and Deposition Equipment Sale Price by Company

3.4 Key Manufacturers Semiconductor Etch and Deposition Equipment Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Semiconductor Etch and Deposition Equipment Product Location Distribution

3.4.2 Players Semiconductor Etch and Deposition Equipment 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 ETCH AND DEPOSITION EQUIPMENT BY GEOGRAPHIC REGION

4.1 World Historic Semiconductor Etch and Deposition Equipment Market Size by Geographic Region (2020-2025)

4.1.1 Global Semiconductor Etch and Deposition Equipment Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Semiconductor Etch and Deposition Equipment Annual Revenue by

Geographic Region (2020-2025)

4.2 World Historic Semiconductor Etch and Deposition Equipment Market Size by Country/Region (2020-2025)

4.2.1 Global Semiconductor Etch and Deposition Equipment Annual Sales by Country/Region (2020-2025)

4.2.2 Global Semiconductor Etch and Deposition Equipment Annual Revenue by Country/Region (2020-2025)

4.3 Americas Semiconductor Etch and Deposition Equipment Sales Growth

4.4 APAC Semiconductor Etch and Deposition Equipment Sales Growth

4.5 Europe Semiconductor Etch and Deposition Equipment Sales Growth

4.6 Middle East & Africa Semiconductor Etch and Deposition Equipment Sales Growth

5 AMERICAS

5.1 Americas Semiconductor Etch and Deposition Equipment Sales by Country

5.1.1 Americas Semiconductor Etch and Deposition Equipment Sales by Country (2020-2025)

5.1.2 Americas Semiconductor Etch and Deposition Equipment Revenue by Country (2020-2025)

5.2 Americas Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025)

5.3 Americas Semiconductor Etch and Deposition Equipment Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Semiconductor Etch and Deposition Equipment Sales by Region

6.1.1 APAC Semiconductor Etch and Deposition Equipment Sales by Region (2020-2025)

6.1.2 APAC Semiconductor Etch and Deposition Equipment Revenue by Region (2020-2025)

6.2 APAC Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025)

6.3 APAC Semiconductor Etch and Deposition Equipment 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 Etch and Deposition Equipment by Country
 - 7.1.1 Europe Semiconductor Etch and Deposition Equipment Sales by Country (2020-2025)
 - 7.1.2 Europe Semiconductor Etch and Deposition Equipment Revenue by Country (2020-2025)
- 7.2 Europe Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025)
- 7.3 Europe Semiconductor Etch and Deposition Equipment 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 Etch and Deposition Equipment by Country
 - 8.1.1 Middle East & Africa Semiconductor Etch and Deposition Equipment Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Semiconductor Etch and Deposition Equipment Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025)
- 8.3 Middle East & Africa Semiconductor Etch and Deposition Equipment 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 Etch and Deposition Equipment

10.3 Manufacturing Process Analysis of Semiconductor Etch and Deposition Equipment

10.4 Industry Chain Structure of Semiconductor Etch and Deposition Equipment

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Semiconductor Etch and Deposition Equipment Distributors

11.3 Semiconductor Etch and Deposition Equipment Customer

12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR ETCH AND DEPOSITION EQUIPMENT BY GEOGRAPHIC REGION

12.1 Global Semiconductor Etch and Deposition Equipment Market Size Forecast by Region

12.1.1 Global Semiconductor Etch and Deposition Equipment Forecast by Region (2026-2031)

12.1.2 Global Semiconductor Etch and Deposition Equipment 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 Etch and Deposition Equipment Forecast by Type (2026-2031)

12.7 Global Semiconductor Etch and Deposition Equipment Forecast by Application

(2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Lam Research

13.1.1 Lam Research Company Information

13.1.2 Lam Research Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.1.3 Lam Research Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Lam Research Main Business Overview

13.1.5 Lam Research Latest Developments

13.2 Tokyo Electron Limited

13.2.1 Tokyo Electron Limited Company Information

13.2.2 Tokyo Electron Limited Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.2.3 Tokyo Electron Limited Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Tokyo Electron Limited Main Business Overview

13.2.5 Tokyo Electron Limited Latest Developments

13.3 Applied Materials

13.3.1 Applied Materials Company Information

13.3.2 Applied Materials Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.3.3 Applied Materials Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Applied Materials Main Business Overview

13.3.5 Applied Materials Latest Developments

13.4 Hitachi High-Technologies

13.4.1 Hitachi High-Technologies Company Information

13.4.2 Hitachi High-Technologies Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.4.3 Hitachi High-Technologies Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Hitachi High-Technologies Main Business Overview

13.4.5 Hitachi High-Technologies Latest Developments

13.5 Oxford Instruments

13.5.1 Oxford Instruments Company Information

13.5.2 Oxford Instruments Semiconductor Etch and Deposition Equipment Product

Portfolios and Specifications

13.5.3 Oxford Instruments Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Oxford Instruments Main Business Overview

13.5.5 Oxford Instruments Latest Developments

13.6 SPTS Technologies

13.6.1 SPTS Technologies Company Information

13.6.2 SPTS Technologies Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.6.3 SPTS Technologies Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 SPTS Technologies Main Business Overview

13.6.5 SPTS Technologies Latest Developments

13.7 Plasma-Therm

13.7.1 Plasma-Therm Company Information

13.7.2 Plasma-Therm Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.7.3 Plasma-Therm Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Plasma-Therm Main Business Overview

13.7.5 Plasma-Therm Latest Developments

13.8 GigaLane

13.8.1 GigaLane Company Information

13.8.2 GigaLane Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.8.3 GigaLane Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 GigaLane Main Business Overview

13.8.5 GigaLane Latest Developments

13.9 SAMCO Inc

13.9.1 SAMCO Inc Company Information

13.9.2 SAMCO Inc Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.9.3 SAMCO Inc Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 SAMCO Inc Main Business Overview

13.9.5 SAMCO Inc Latest Developments

13.10 NAURA

13.10.1 NAURA Company Information

13.10.2 NAURA Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.10.3 NAURA Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 NAURA Main Business Overview

13.10.5 NAURA Latest Developments

13.11 AMEC

13.11.1 AMEC Company Information

13.11.2 AMEC Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.11.3 AMEC Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 AMEC Main Business Overview

13.11.5 AMEC Latest Developments

13.12 Veeco Instruments Inc

13.12.1 Veeco Instruments Inc Company Information

13.12.2 Veeco Instruments Inc Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.12.3 Veeco Instruments Inc Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 Veeco Instruments Inc Main Business Overview

13.12.5 Veeco Instruments Inc Latest Developments

13.13 AIXTRON SE

13.13.1 AIXTRON SE Company Information

13.13.2 AIXTRON SE Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.13.3 AIXTRON SE Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 AIXTRON SE Main Business Overview

13.13.5 AIXTRON SE Latest Developments

13.14 ASM International

13.14.1 ASM International Company Information

13.14.2 ASM International Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

13.14.3 ASM International Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 ASM International Main Business Overview

13.14.5 ASM International Latest Developments

13.15 CVD Equipment Corporation

- 13.15.1 CVD Equipment Corporation Company Information
- 13.15.2 CVD Equipment Corporation Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications
- 13.15.3 CVD Equipment Corporation Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.15.4 CVD Equipment Corporation Main Business Overview
- 13.15.5 CVD Equipment Corporation Latest Developments
- 13.16 Kokusai Semiconductor Equipment Corporation (KSEC)
 - 13.16.1 Kokusai Semiconductor Equipment Corporation (KSEC) Company Information
 - 13.16.2 Kokusai Semiconductor Equipment Corporation (KSEC) Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications
 - 13.16.3 Kokusai Semiconductor Equipment Corporation (KSEC) Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 Kokusai Semiconductor Equipment Corporation (KSEC) Main Business Overview
 - 13.16.5 Kokusai Semiconductor Equipment Corporation (KSEC) Latest Developments
- 13.17 ULVAC Technologies
 - 13.17.1 ULVAC Technologies Company Information
 - 13.17.2 ULVAC Technologies Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications
 - 13.17.3 ULVAC Technologies Semiconductor Etch and Deposition Equipment Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 ULVAC Technologies Main Business Overview
 - 13.17.5 ULVAC Technologies Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Semiconductor Etch and Deposition Equipment Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Semiconductor Etch and Deposition Equipment Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Etching Equipment

Table 4. Major Players of Deposition Equipment

Table 5. Global Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025) & (Units)

Table 6. Global Semiconductor Etch and Deposition Equipment Sales Market Share by Type (2020-2025)

Table 7. Global Semiconductor Etch and Deposition Equipment Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Type (2020-2025)

Table 9. Global Semiconductor Etch and Deposition Equipment Sale Price by Type (2020-2025) & (K US\$/Unit)

Table 10. Global Semiconductor Etch and Deposition Equipment Sale by Application (2020-2025) & (Units)

Table 11. Global Semiconductor Etch and Deposition Equipment Sale Market Share by Application (2020-2025)

Table 12. Global Semiconductor Etch and Deposition Equipment Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Application (2020-2025)

Table 14. Global Semiconductor Etch and Deposition Equipment Sale Price by Application (2020-2025) & (K US\$/Unit)

Table 15. Global Semiconductor Etch and Deposition Equipment Sales by Company (2020-2025) & (Units)

Table 16. Global Semiconductor Etch and Deposition Equipment Sales Market Share by Company (2020-2025)

Table 17. Global Semiconductor Etch and Deposition Equipment Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Company (2020-2025)

Table 19. Global Semiconductor Etch and Deposition Equipment Sale Price by

Company (2020-2025) & (K US\$/Unit)

Table 20. Key Manufacturers Semiconductor Etch and Deposition Equipment Producing Area Distribution and Sales Area

Table 21. Players Semiconductor Etch and Deposition Equipment Products Offered

Table 22. Semiconductor Etch and Deposition Equipment Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Semiconductor Etch and Deposition Equipment Sales by Geographic Region (2020-2025) & (Units)

Table 26. Global Semiconductor Etch and Deposition Equipment Sales Market Share Geographic Region (2020-2025)

Table 27. Global Semiconductor Etch and Deposition Equipment Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Semiconductor Etch and Deposition Equipment Sales by Country/Region (2020-2025) & (Units)

Table 30. Global Semiconductor Etch and Deposition Equipment Sales Market Share by Country/Region (2020-2025)

Table 31. Global Semiconductor Etch and Deposition Equipment Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Semiconductor Etch and Deposition Equipment Sales by Country (2020-2025) & (Units)

Table 34. Americas Semiconductor Etch and Deposition Equipment Sales Market Share by Country (2020-2025)

Table 35. Americas Semiconductor Etch and Deposition Equipment Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025) & (Units)

Table 37. Americas Semiconductor Etch and Deposition Equipment Sales by Application (2020-2025) & (Units)

Table 38. APAC Semiconductor Etch and Deposition Equipment Sales by Region (2020-2025) & (Units)

Table 39. APAC Semiconductor Etch and Deposition Equipment Sales Market Share by Region (2020-2025)

Table 40. APAC Semiconductor Etch and Deposition Equipment Revenue by Region

(2020-2025) & (\$ millions)

Table 41. APAC Semiconductor Etch and Deposition Equipment Sales by Type

(2020-2025) & (Units)

Table 42. APAC Semiconductor Etch and Deposition Equipment Sales by Application

(2020-2025) & (Units)

Table 43. Europe Semiconductor Etch and Deposition Equipment Sales by Country

(2020-2025) & (Units)

Table 44. Europe Semiconductor Etch and Deposition Equipment Revenue by Country

(2020-2025) & (\$ millions)

Table 45. Europe Semiconductor Etch and Deposition Equipment Sales by Type

(2020-2025) & (Units)

Table 46. Europe Semiconductor Etch and Deposition Equipment Sales by Application

(2020-2025) & (Units)

Table 47. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales by Country (2020-2025) & (Units)

Table 48. Middle East & Africa Semiconductor Etch and Deposition Equipment Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales by Type (2020-2025) & (Units)

Table 50. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales by Application (2020-2025) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of Semiconductor Etch and Deposition Equipment

Table 52. Key Market Challenges & Risks of Semiconductor Etch and Deposition Equipment

Table 53. Key Industry Trends of Semiconductor Etch and Deposition Equipment

Table 54. Semiconductor Etch and Deposition Equipment Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Semiconductor Etch and Deposition Equipment Distributors List

Table 57. Semiconductor Etch and Deposition Equipment Customer List

Table 58. Global Semiconductor Etch and Deposition Equipment Sales Forecast by Region (2026-2031) & (Units)

Table 59. Global Semiconductor Etch and Deposition Equipment Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Semiconductor Etch and Deposition Equipment Sales Forecast by Country (2026-2031) & (Units)

Table 61. Americas Semiconductor Etch and Deposition Equipment Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Semiconductor Etch and Deposition Equipment Sales Forecast by

Region (2026-2031) & (Units)

Table 63. APAC Semiconductor Etch and Deposition Equipment Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Semiconductor Etch and Deposition Equipment Sales Forecast by Country (2026-2031) & (Units)

Table 65. Europe Semiconductor Etch and Deposition Equipment Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales Forecast by Country (2026-2031) & (Units)

Table 67. Middle East & Africa Semiconductor Etch and Deposition Equipment Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Semiconductor Etch and Deposition Equipment Sales Forecast by Type (2026-2031) & (Units)

Table 69. Global Semiconductor Etch and Deposition Equipment Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Semiconductor Etch and Deposition Equipment Sales Forecast by Application (2026-2031) & (Units)

Table 71. Global Semiconductor Etch and Deposition Equipment Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Lam Research Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 73. Lam Research Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 74. Lam Research Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 75. Lam Research Main Business

Table 76. Lam Research Latest Developments

Table 77. Tokyo Electron Limited Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 78. Tokyo Electron Limited Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 79. Tokyo Electron Limited Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 80. Tokyo Electron Limited Main Business

Table 81. Tokyo Electron Limited Latest Developments

Table 82. Applied Materials Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 83. Applied Materials Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 84. Applied Materials Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 85. Applied Materials Main Business

Table 86. Applied Materials Latest Developments

Table 87. Hitachi High-Technologies Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 88. Hitachi High-Technologies Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 89. Hitachi High-Technologies Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 90. Hitachi High-Technologies Main Business

Table 91. Hitachi High-Technologies Latest Developments

Table 92. Oxford Instruments Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 93. Oxford Instruments Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 94. Oxford Instruments Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 95. Oxford Instruments Main Business

Table 96. Oxford Instruments Latest Developments

Table 97. SPTS Technologies Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 98. SPTS Technologies Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 99. SPTS Technologies Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 100. SPTS Technologies Main Business

Table 101. SPTS Technologies Latest Developments

Table 102. Plasma-Therm Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 103. Plasma-Therm Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 104. Plasma-Therm Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 105. Plasma-Therm Main Business

Table 106. Plasma-Therm Latest Developments

Table 107. GigaLane Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 108. GigaLane Semiconductor Etch and Deposition Equipment Product Portfolios

and Specifications

Table 109. GigaLane Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 110. GigaLane Main Business

Table 111. GigaLane Latest Developments

Table 112. SAMCO Inc Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 113. SAMCO Inc Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 114. SAMCO Inc Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 115. SAMCO Inc Main Business

Table 116. SAMCO Inc Latest Developments

Table 117. NAURA Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 118. NAURA Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 119. NAURA Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 120. NAURA Main Business

Table 121. NAURA Latest Developments

Table 122. AMEC Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 123. AMEC Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 124. AMEC Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 125. AMEC Main Business

Table 126. AMEC Latest Developments

Table 127. Veeco Instruments Inc Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 128. Veeco Instruments Inc Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 129. Veeco Instruments Inc Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 130. Veeco Instruments Inc Main Business

Table 131. Veeco Instruments Inc Latest Developments

Table 132. AIXTRON SE Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 133. AIXTRON SE Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 134. AIXTRON SE Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 135. AIXTRON SE Main Business

Table 136. AIXTRON SE Latest Developments

Table 137. ASM International Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 138. ASM International Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 139. ASM International Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 140. ASM International Main Business

Table 141. ASM International Latest Developments

Table 142. CVD Equipment Corporation Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 143. CVD Equipment Corporation Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 144. CVD Equipment Corporation Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 145. CVD Equipment Corporation Main Business

Table 146. CVD Equipment Corporation Latest Developments

Table 147. Kokusai Semiconductor Equipment Corporation (KSEC) Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 148. Kokusai Semiconductor Equipment Corporation (KSEC) Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 149. Kokusai Semiconductor Equipment Corporation (KSEC) Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 150. Kokusai Semiconductor Equipment Corporation (KSEC) Main Business

Table 151. Kokusai Semiconductor Equipment Corporation (KSEC) Latest Developments

Table 152. ULVAC Technologies Basic Information, Semiconductor Etch and Deposition Equipment Manufacturing Base, Sales Area and Its Competitors

Table 153. ULVAC Technologies Semiconductor Etch and Deposition Equipment Product Portfolios and Specifications

Table 154. ULVAC Technologies Semiconductor Etch and Deposition Equipment Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2020-2025)

Table 155. ULVAC Technologies Main Business

Table 156. ULVAC Technologies Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Semiconductor Etch and Deposition Equipment
- Figure 2. Semiconductor Etch and Deposition Equipment Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Semiconductor Etch and Deposition Equipment Sales Growth Rate 2020-2031 (Units)
- Figure 7. Global Semiconductor Etch and Deposition Equipment Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Semiconductor Etch and Deposition Equipment Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Semiconductor Etch and Deposition Equipment Sales Market Share by Country/Region (2024)
- Figure 10. Semiconductor Etch and Deposition Equipment Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Etching Equipment
- Figure 12. Product Picture of Deposition Equipment
- Figure 13. Global Semiconductor Etch and Deposition Equipment Sales Market Share by Type in 2025
- Figure 14. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Type (2020-2025)
- Figure 15. Semiconductor Etch and Deposition Equipment Consumed in Logic and Memory
- Figure 16. Global Semiconductor Etch and Deposition Equipment Market: Logic and Memory (2020-2025) & (Units)
- Figure 17. Semiconductor Etch and Deposition Equipment Consumed in MEMS
- Figure 18. Global Semiconductor Etch and Deposition Equipment Market: MEMS (2020-2025) & (Units)
- Figure 19. Semiconductor Etch and Deposition Equipment Consumed in Power Device
- Figure 20. Global Semiconductor Etch and Deposition Equipment Market: Power Device (2020-2025) & (Units)
- Figure 21. Semiconductor Etch and Deposition Equipment Consumed in Others
- Figure 22. Global Semiconductor Etch and Deposition Equipment Market: Others (2020-2025) & (Units)
- Figure 23. Global Semiconductor Etch and Deposition Equipment Sale Market Share by

Application (2024)

Figure 24. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Application in 2025

Figure 25. Semiconductor Etch and Deposition Equipment Sales by Company in 2025 (Units)

Figure 26. Global Semiconductor Etch and Deposition Equipment Sales Market Share by Company in 2025

Figure 27. Semiconductor Etch and Deposition Equipment Revenue by Company in 2025 (\$ millions)

Figure 28. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Company in 2025

Figure 29. Global Semiconductor Etch and Deposition Equipment Sales Market Share by Geographic Region (2020-2025)

Figure 30. Global Semiconductor Etch and Deposition Equipment Revenue Market Share by Geographic Region in 2025

Figure 31. Americas Semiconductor Etch and Deposition Equipment Sales 2020-2025 (Units)

Figure 32. Americas Semiconductor Etch and Deposition Equipment Revenue 2020-2025 (\$ millions)

Figure 33. APAC Semiconductor Etch and Deposition Equipment Sales 2020-2025 (Units)

Figure 34. APAC Semiconductor Etch and Deposition Equipment Revenue 2020-2025 (\$ millions)

Figure 35. Europe Semiconductor Etch and Deposition Equipment Sales 2020-2025 (Units)

Figure 36. Europe Semiconductor Etch and Deposition Equipment Revenue 2020-2025 (\$ millions)

Figure 37. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales 2020-2025 (Units)

Figure 38. Middle East & Africa Semiconductor Etch and Deposition Equipment Revenue 2020-2025 (\$ millions)

Figure 39. Americas Semiconductor Etch and Deposition Equipment Sales Market Share by Country in 2025

Figure 40. Americas Semiconductor Etch and Deposition Equipment Revenue Market Share by Country (2020-2025)

Figure 41. Americas Semiconductor Etch and Deposition Equipment Sales Market Share by Type (2020-2025)

Figure 42. Americas Semiconductor Etch and Deposition Equipment Sales Market Share by Application (2020-2025)

Figure 43. United States Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 44. Canada Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 45. Mexico Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 46. Brazil Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 47. APAC Semiconductor Etch and Deposition Equipment Sales Market Share by Region in 2025

Figure 48. APAC Semiconductor Etch and Deposition Equipment Revenue Market Share by Region (2020-2025)

Figure 49. APAC Semiconductor Etch and Deposition Equipment Sales Market Share by Type (2020-2025)

Figure 50. APAC Semiconductor Etch and Deposition Equipment Sales Market Share by Application (2020-2025)

Figure 51. China Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 52. Japan Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 53. South Korea Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 54. Southeast Asia Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 55. India Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 56. Australia Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 57. China Taiwan Semiconductor Etch and Deposition Equipment Revenue Growth 2020-2025 (\$ millions)

Figure 58. Europe Semiconductor Etch and Deposition Equipment Sales Market Share by Country in 2025

Figure 59. Europe Semiconductor Etch and Deposition Equipment Revenue Market Share by Country (2020-2025)

Figure 60. Europe Semiconductor Etch and Deposition Equipment Sales Market Share by Type (2020-2025)

Figure 61. Europe Semiconductor Etch and Deposition Equipment Sales Market Share by Application (2020-2025)

Figure 62. Germany Semiconductor Etch and Deposition Equipment Revenue Growth

2020-2025 (\$ millions)

Figure 63. France Semiconductor Etch and Deposition Equipment Revenue Growth

2020-2025 (\$ millions)

Figure 64. UK Semiconductor Etch and Deposition Equipment Revenue Growth

2020-2025 (\$ millions)

Figure 65. Italy Semiconductor Etch and Deposition Equipment Revenue Growth

2020-2025 (\$ millions)

Figure 66. Russia Semiconductor Etch and Deposition Equipment Revenue Growth

2020-2025 (\$ millions)

Figure 67. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales
Market Share by Country (2020-2025)

Figure 68. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales
Market Share by Type (2020-2025)

Figure 69. Middle East & Africa Semiconductor Etch and Deposition Equipment Sales
Market Share by Application (2020-2025)

Figure 70. Egypt Semiconductor Etch and Deposition Equipment Revenue Growth

2020-2025 (\$ millions)

Figure 71. South Africa Semiconductor Etch and Deposition Equipment Revenue
Growth 2020-2025 (\$ millions)

Figure 72. Israel Semiconductor Etch and Deposition Equipment Revenue Growth
2020-2025 (\$ millions)

Figure 73. Turkey Semiconductor Etch and Deposition Equipment Revenue Growth
2020-2025 (\$ millions)

Figure 74. GCC Countries Semiconductor Etch and Deposition Equipment Revenue
Growth 2020-2025 (\$ millions)

Figure 75. Manufacturing Cost Structure Analysis of Semiconductor Etch and
Deposition Equipment in 2025

Figure 76. Manufacturing Process Analysis of Semiconductor Etch and Deposition
Equipment

Figure 77. Industry Chain Structure of Semiconductor Etch and Deposition Equipment

Figure 78. Channels of Distribution

Figure 79. Global Semiconductor Etch and Deposition Equipment Sales Market
Forecast by Region (2026-2031)

Figure 80. Global Semiconductor Etch and Deposition Equipment Revenue Market
Share Forecast by Region (2026-2031)

Figure 81. Global Semiconductor Etch and Deposition Equipment Sales Market Share
Forecast by Type (2026-2031)

Figure 82. Global Semiconductor Etch and Deposition Equipment Revenue Market
Share Forecast by Type (2026-2031)

Figure 83. Global Semiconductor Etch and Deposition Equipment Sales Market Share Forecast by Application (2026-2031)

Figure 84. Global Semiconductor Etch and Deposition Equipment Revenue Market Share Forecast by Application (2026-2031)

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