

# Global Wafer Used Dry Etching Equipment Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# Abstracts

According to our (Global Info Research) latest study, the global Wafer Used Dry Etching Equipment market size was valued at USD 20990 million in 2023 and is forecast to a readjusted size of USD 33730 million by 2030 with a CAGR of 7.0% during review period.

The dry etching hardware design basically involves a vacuum chamber, special gas delivery system, radio frequency (RF) waveform generator to supply power to the plasma, heated chuck to seat the wafer, and an exhaust system.

Global Wafer Used Dry Etching Equipment top five companies are Lam Research, Tokyo Electron Limited, Applied Materials, Hitachi High-Tech, SEMES, occupying a total of about 95% of the market share, the industry is relatively concentrated. The production sites are mainly located in North America and Japan, with North America occupying about 60% of the market share and being the most important production site, followed by Japan. In terms of product type, the products can be divided into Silicon Etch, Dielectric Etchg, and Conductor Etch, of which silicon Etch and dielectric Etch both accounting for near 50% of the market share. In terms of its application, the application area can be divided into two types: IDM and foundry, with IDM dominating and occupying about 75% of the market share.

The Global Info Research report includes an overview of the development of the Wafer Used Dry Etching Equipment industry chain, the market status of IDM (Silicon Etch, Dielectric Etch), Foundry (Silicon Etch, Dielectric Etch), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Wafer Used Dry Etching Equipment.



Regionally, the report analyzes the Wafer Used Dry Etching Equipment markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Wafer Used Dry Etching Equipment market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Wafer Used Dry Etching Equipment market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Wafer Used Dry Etching Equipment industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., Silicon Etch, Dielectric Etch).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Wafer Used Dry Etching Equipment market.

Regional Analysis: The report involves examining the Wafer Used Dry Etching Equipment market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Wafer Used Dry Etching Equipment market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Wafer Used Dry Etching Equipment:



Company Analysis: Report covers individual Wafer Used Dry Etching Equipment manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Wafer Used Dry Etching Equipment This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (IDM, Foundry).

Technology Analysis: Report covers specific technologies relevant to Wafer Used Dry Etching Equipment. It assesses the current state, advancements, and potential future developments in Wafer Used Dry Etching Equipment areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Wafer Used Dry Etching Equipment market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Wafer Used Dry Etching Equipment market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Silicon Etch

Dielectric Etch

Conductor Etch



IDM

Foundry

Major players covered

Lam Research

**Tokyo Electron Limited** 

**Applied Materials** 

Hitachi High-Tech

SEMES

AMEC

NAURA

SPTS Technologies (KLA)

Oxford Instruments

ULVAC

Plasma-Therm

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)



Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Wafer Used Dry Etching Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Wafer Used Dry Etching Equipment, with price, sales, revenue and global market share of Wafer Used Dry Etching Equipment from 2019 to 2024.

Chapter 3, the Wafer Used Dry Etching Equipment competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Wafer Used Dry Etching Equipment breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Wafer Used Dry Etching Equipment market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Wafer Used Dry Etching Equipment.

Chapter 14 and 15, to describe Wafer Used Dry Etching Equipment sales channel, distributors, customers, research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

1.1 Product Overview and Scope of Wafer Used Dry Etching Equipment

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Wafer Used Dry Etching Equipment Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Silicon Etch

1.3.3 Dielectric Etch

1.3.4 Conductor Etch

1.4 Market Analysis by Application

1.4.1 Overview: Global Wafer Used Dry Etching Equipment Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 IDM

1.4.3 Foundry

1.5 Global Wafer Used Dry Etching Equipment Market Size & Forecast

1.5.1 Global Wafer Used Dry Etching Equipment Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Wafer Used Dry Etching Equipment Sales Quantity (2019-2030)

1.5.3 Global Wafer Used Dry Etching Equipment Average Price (2019-2030)

# 2 MANUFACTURERS PROFILES

2.1 Lam Research

- 2.1.1 Lam Research Details
- 2.1.2 Lam Research Major Business
- 2.1.3 Lam Research Wafer Used Dry Etching Equipment Product and Services
- 2.1.4 Lam Research Wafer Used Dry Etching Equipment Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Lam Research Recent Developments/Updates

2.2 Tokyo Electron Limited

- 2.2.1 Tokyo Electron Limited Details
- 2.2.2 Tokyo Electron Limited Major Business

2.2.3 Tokyo Electron Limited Wafer Used Dry Etching Equipment Product and Services

2.2.4 Tokyo Electron Limited Wafer Used Dry Etching Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)



2.2.5 Tokyo Electron Limited Recent Developments/Updates

2.3 Applied Materials

2.3.1 Applied Materials Details

2.3.2 Applied Materials Major Business

2.3.3 Applied Materials Wafer Used Dry Etching Equipment Product and Services

2.3.4 Applied Materials Wafer Used Dry Etching Equipment Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Applied Materials Recent Developments/Updates

2.4 Hitachi High-Tech

2.4.1 Hitachi High-Tech Details

2.4.2 Hitachi High-Tech Major Business

2.4.3 Hitachi High-Tech Wafer Used Dry Etching Equipment Product and Services

2.4.4 Hitachi High-Tech Wafer Used Dry Etching Equipment Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Hitachi High-Tech Recent Developments/Updates

2.5 SEMES

2.5.1 SEMES Details

2.5.2 SEMES Major Business

2.5.3 SEMES Wafer Used Dry Etching Equipment Product and Services

2.5.4 SEMES Wafer Used Dry Etching Equipment Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 SEMES Recent Developments/Updates

2.6 AMEC

2.6.1 AMEC Details

2.6.2 AMEC Major Business

2.6.3 AMEC Wafer Used Dry Etching Equipment Product and Services

2.6.4 AMEC Wafer Used Dry Etching Equipment Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 AMEC Recent Developments/Updates

2.7 NAURA

2.7.1 NAURA Details

2.7.2 NAURA Major Business

2.7.3 NAURA Wafer Used Dry Etching Equipment Product and Services

2.7.4 NAURA Wafer Used Dry Etching Equipment Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 NAURA Recent Developments/Updates

2.8 SPTS Technologies (KLA)

2.8.1 SPTS Technologies (KLA) Details

2.8.2 SPTS Technologies (KLA) Major Business



2.8.3 SPTS Technologies (KLA) Wafer Used Dry Etching Equipment Product and Services

2.8.4 SPTS Technologies (KLA) Wafer Used Dry Etching Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 SPTS Technologies (KLA) Recent Developments/Updates

2.9 Oxford Instruments

2.9.1 Oxford Instruments Details

2.9.2 Oxford Instruments Major Business

2.9.3 Oxford Instruments Wafer Used Dry Etching Equipment Product and Services

2.9.4 Oxford Instruments Wafer Used Dry Etching Equipment Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Oxford Instruments Recent Developments/Updates

2.10 ULVAC

2.10.1 ULVAC Details

2.10.2 ULVAC Major Business

2.10.3 ULVAC Wafer Used Dry Etching Equipment Product and Services

2.10.4 ULVAC Wafer Used Dry Etching Equipment Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 ULVAC Recent Developments/Updates

2.11 Plasma-Therm

2.11.1 Plasma-Therm Details

- 2.11.2 Plasma-Therm Major Business
- 2.11.3 Plasma-Therm Wafer Used Dry Etching Equipment Product and Services

2.11.4 Plasma-Therm Wafer Used Dry Etching Equipment Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Plasma-Therm Recent Developments/Updates

# 3 COMPETITIVE ENVIRONMENT: WAFER USED DRY ETCHING EQUIPMENT BY MANUFACTURER

3.1 Global Wafer Used Dry Etching Equipment Sales Quantity by Manufacturer (2019-2024)

3.2 Global Wafer Used Dry Etching Equipment Revenue by Manufacturer (2019-2024)

3.3 Global Wafer Used Dry Etching Equipment Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Wafer Used Dry Etching Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Wafer Used Dry Etching Equipment Manufacturer Market Share in 2023



3.4.2 Top 6 Wafer Used Dry Etching Equipment Manufacturer Market Share in 20233.5 Wafer Used Dry Etching Equipment Market: Overall Company Footprint Analysis

3.5.1 Wafer Used Dry Etching Equipment Market: Region Footprint

3.5.2 Wafer Used Dry Etching Equipment Market: Company Product Type Footprint

3.5.3 Wafer Used Dry Etching Equipment Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

# **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Wafer Used Dry Etching Equipment Market Size by Region

4.1.1 Global Wafer Used Dry Etching Equipment Sales Quantity by Region (2019-2030)

4.1.2 Global Wafer Used Dry Etching Equipment Consumption Value by Region (2019-2030)

4.1.3 Global Wafer Used Dry Etching Equipment Average Price by Region (2019-2030)

4.2 North America Wafer Used Dry Etching Equipment Consumption Value (2019-2030)

4.3 Europe Wafer Used Dry Etching Equipment Consumption Value (2019-2030)

4.4 Asia-Pacific Wafer Used Dry Etching Equipment Consumption Value (2019-2030)

4.5 South America Wafer Used Dry Etching Equipment Consumption Value (2019-2030)

4.6 Middle East and Africa Wafer Used Dry Etching Equipment Consumption Value (2019-2030)

# **5 MARKET SEGMENT BY TYPE**

5.1 Global Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2030)5.2 Global Wafer Used Dry Etching Equipment Consumption Value by Type (2019-2030)

5.3 Global Wafer Used Dry Etching Equipment Average Price by Type (2019-2030)

# 6 MARKET SEGMENT BY APPLICATION

6.1 Global Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2030)

6.2 Global Wafer Used Dry Etching Equipment Consumption Value by Application (2019-2030)



6.3 Global Wafer Used Dry Etching Equipment Average Price by Application (2019-2030)

### 7 NORTH AMERICA

7.1 North America Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2030)

7.2 North America Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2030)

7.3 North America Wafer Used Dry Etching Equipment Market Size by Country

7.3.1 North America Wafer Used Dry Etching Equipment Sales Quantity by Country (2019-2030)

7.3.2 North America Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

# 8 EUROPE

8.1 Europe Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2030)

8.2 Europe Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2030)

8.3 Europe Wafer Used Dry Etching Equipment Market Size by Country

8.3.1 Europe Wafer Used Dry Etching Equipment Sales Quantity by Country (2019-2030)

8.3.2 Europe Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

# 9 ASIA-PACIFIC

9.1 Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Application



(2019-2030)

9.3 Asia-Pacific Wafer Used Dry Etching Equipment Market Size by Region

9.3.1 Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Wafer Used Dry Etching Equipment Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

#### **10 SOUTH AMERICA**

10.1 South America Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2030)

10.2 South America Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2030)

10.3 South America Wafer Used Dry Etching Equipment Market Size by Country

10.3.1 South America Wafer Used Dry Etching Equipment Sales Quantity by Country (2019-2030)

10.3.2 South America Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

#### 11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Wafer Used Dry Etching Equipment Market Size by Country

11.3.1 Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)



- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

#### **12 MARKET DYNAMICS**

- 12.1 Wafer Used Dry Etching Equipment Market Drivers
- 12.2 Wafer Used Dry Etching Equipment Market Restraints
- 12.3 Wafer Used Dry Etching Equipment Trends Analysis
- 12.4 Porters Five Forces Analysis
- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

#### 13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Wafer Used Dry Etching Equipment and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Wafer Used Dry Etching Equipment
- 13.3 Wafer Used Dry Etching Equipment Production Process
- 13.4 Wafer Used Dry Etching Equipment Industrial Chain

#### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
- 14.1.2 Distributors
- 14.2 Wafer Used Dry Etching Equipment Typical Distributors
- 14.3 Wafer Used Dry Etching Equipment Typical Customers

#### 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global Wafer Used Dry Etching Equipment Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Wafer Used Dry Etching Equipment Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Lam Research Basic Information, Manufacturing Base and Competitors

Table 4. Lam Research Major Business

Table 5. Lam Research Wafer Used Dry Etching Equipment Product and Services

Table 6. Lam Research Wafer Used Dry Etching Equipment Sales Quantity (Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Lam Research Recent Developments/Updates

Table 8. Tokyo Electron Limited Basic Information, Manufacturing Base andCompetitors

Table 9. Tokyo Electron Limited Major Business

Table 10. Tokyo Electron Limited Wafer Used Dry Etching Equipment Product and Services

Table 11. Tokyo Electron Limited Wafer Used Dry Etching Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Tokyo Electron Limited Recent Developments/Updates

Table 13. Applied Materials Basic Information, Manufacturing Base and Competitors

Table 14. Applied Materials Major Business

Table 15. Applied Materials Wafer Used Dry Etching Equipment Product and Services Table 16. Applied Materials Wafer Used Dry Etching Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2019-2024)

Table 17. Applied Materials Recent Developments/Updates

Table 18. Hitachi High-Tech Basic Information, Manufacturing Base and Competitors

Table 19. Hitachi High-Tech Major Business

Table 20. Hitachi High-Tech Wafer Used Dry Etching Equipment Product and Services

Table 21. Hitachi High-Tech Wafer Used Dry Etching Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Hitachi High-Tech Recent Developments/Updates

 Table 23. SEMES Basic Information, Manufacturing Base and Competitors



Table 24. SEMES Major Business

Table 25. SEMES Wafer Used Dry Etching Equipment Product and Services

Table 26. SEMES Wafer Used Dry Etching Equipment Sales Quantity (Units), Average

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

Table 27. SEMES Recent Developments/Updates

Table 28. AMEC Basic Information, Manufacturing Base and Competitors

Table 29. AMEC Major Business

 Table 30. AMEC Wafer Used Dry Etching Equipment Product and Services

Table 31. AMEC Wafer Used Dry Etching Equipment Sales Quantity (Units), Average

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

Table 32. AMEC Recent Developments/Updates

 Table 33. NAURA Basic Information, Manufacturing Base and Competitors

Table 34. NAURA Major Business

Table 35. NAURA Wafer Used Dry Etching Equipment Product and Services

Table 36. NAURA Wafer Used Dry Etching Equipment Sales Quantity (Units), Average

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

Table 37. NAURA Recent Developments/Updates

Table 38. SPTS Technologies (KLA) Basic Information, Manufacturing Base and Competitors

Table 39. SPTS Technologies (KLA) Major Business

Table 40. SPTS Technologies (KLA) Wafer Used Dry Etching Equipment Product and Services

Table 41. SPTS Technologies (KLA) Wafer Used Dry Etching Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. SPTS Technologies (KLA) Recent Developments/Updates

Table 43. Oxford Instruments Basic Information, Manufacturing Base and Competitors

Table 44. Oxford Instruments Major Business

 Table 45. Oxford Instruments Wafer Used Dry Etching Equipment Product and Services

 Table 46. Oxford Instruments Wafer Used Dry Etching Equipment Sales Quantity

(Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Oxford Instruments Recent Developments/Updates

Table 48. ULVAC Basic Information, Manufacturing Base and Competitors

Table 49. ULVAC Major Business

Table 50. ULVAC Wafer Used Dry Etching Equipment Product and Services

Table 51. ULVAC Wafer Used Dry Etching Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024) Table 52. ULVAC Recent Developments/Updates



Table 53. Plasma-Therm Basic Information, Manufacturing Base and CompetitorsTable 54. Plasma-Therm Major Business

Table 55. Plasma-Therm Wafer Used Dry Etching Equipment Product and Services

Table 56. Plasma-Therm Wafer Used Dry Etching Equipment Sales Quantity (Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Plasma-Therm Recent Developments/Updates

Table 58. Global Wafer Used Dry Etching Equipment Sales Quantity by Manufacturer (2019-2024) & (Units)

Table 59. Global Wafer Used Dry Etching Equipment Revenue by Manufacturer (2019-2024) & (USD Million)

Table 60. Global Wafer Used Dry Etching Equipment Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 61. Market Position of Manufacturers in Wafer Used Dry Etching Equipment, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 62. Head Office and Wafer Used Dry Etching Equipment Production Site of Key Manufacturer

Table 63. Wafer Used Dry Etching Equipment Market: Company Product Type Footprint Table 64. Wafer Used Dry Etching Equipment Market: Company Product Application Footprint

Table 65. Wafer Used Dry Etching Equipment New Market Entrants and Barriers to Market Entry

Table 66. Wafer Used Dry Etching Equipment Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Wafer Used Dry Etching Equipment Sales Quantity by Region (2019-2024) & (Units)

Table 68. Global Wafer Used Dry Etching Equipment Sales Quantity by Region(2025-2030) & (Units)

Table 69. Global Wafer Used Dry Etching Equipment Consumption Value by Region (2019-2024) & (USD Million)

Table 70. Global Wafer Used Dry Etching Equipment Consumption Value by Region (2025-2030) & (USD Million)

Table 71. Global Wafer Used Dry Etching Equipment Average Price by Region (2019-2024) & (US\$/Unit)

Table 72. Global Wafer Used Dry Etching Equipment Average Price by Region(2025-2030) & (US\$/Unit)

Table 73. Global Wafer Used Dry Etching Equipment Sales Quantity by Type(2019-2024) & (Units)

Table 74. Global Wafer Used Dry Etching Equipment Sales Quantity by Type



(2025-2030) & (Units)

Table 75. Global Wafer Used Dry Etching Equipment Consumption Value by Type (2019-2024) & (USD Million)

Table 76. Global Wafer Used Dry Etching Equipment Consumption Value by Type (2025-2030) & (USD Million)

Table 77. Global Wafer Used Dry Etching Equipment Average Price by Type (2019-2024) & (US\$/Unit)

Table 78. Global Wafer Used Dry Etching Equipment Average Price by Type (2025-2030) & (US\$/Unit)

Table 79. Global Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2024) & (Units)

Table 80. Global Wafer Used Dry Etching Equipment Sales Quantity by Application (2025-2030) & (Units)

Table 81. Global Wafer Used Dry Etching Equipment Consumption Value by Application (2019-2024) & (USD Million)

Table 82. Global Wafer Used Dry Etching Equipment Consumption Value by Application (2025-2030) & (USD Million)

Table 83. Global Wafer Used Dry Etching Equipment Average Price by Application (2019-2024) & (US\$/Unit)

Table 84. Global Wafer Used Dry Etching Equipment Average Price by Application (2025-2030) & (US\$/Unit)

Table 85. North America Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2024) & (Units)

Table 86. North America Wafer Used Dry Etching Equipment Sales Quantity by Type (2025-2030) & (Units)

Table 87. North America Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2024) & (Units)

Table 88. North America Wafer Used Dry Etching Equipment Sales Quantity by Application (2025-2030) & (Units)

Table 89. North America Wafer Used Dry Etching Equipment Sales Quantity by Country (2019-2024) & (Units)

Table 90. North America Wafer Used Dry Etching Equipment Sales Quantity by Country (2025-2030) & (Units)

Table 91. North America Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2024) & (USD Million)

Table 92. North America Wafer Used Dry Etching Equipment Consumption Value by Country (2025-2030) & (USD Million)

Table 93. Europe Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2024) & (Units)



Table 94. Europe Wafer Used Dry Etching Equipment Sales Quantity by Type(2025-2030) & (Units)

Table 95. Europe Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2024) & (Units)

Table 96. Europe Wafer Used Dry Etching Equipment Sales Quantity by Application (2025-2030) & (Units)

Table 97. Europe Wafer Used Dry Etching Equipment Sales Quantity by Country (2019-2024) & (Units)

Table 98. Europe Wafer Used Dry Etching Equipment Sales Quantity by Country (2025-2030) & (Units)

Table 99. Europe Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2024) & (USD Million)

Table 100. Europe Wafer Used Dry Etching Equipment Consumption Value by Country (2025-2030) & (USD Million)

Table 101. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2024) & (Units)

Table 102. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Type (2025-2030) & (Units)

Table 103. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2024) & (Units)

Table 104. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Application (2025-2030) & (Units)

Table 105. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Region (2019-2024) & (Units)

Table 106. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity by Region (2025-2030) & (Units)

Table 107. Asia-Pacific Wafer Used Dry Etching Equipment Consumption Value by Region (2019-2024) & (USD Million)

Table 108. Asia-Pacific Wafer Used Dry Etching Equipment Consumption Value by Region (2025-2030) & (USD Million)

Table 109. South America Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2024) & (Units)

Table 110. South America Wafer Used Dry Etching Equipment Sales Quantity by Type (2025-2030) & (Units)

Table 111. South America Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2024) & (Units)

Table 112. South America Wafer Used Dry Etching Equipment Sales Quantity by Application (2025-2030) & (Units)

Table 113. South America Wafer Used Dry Etching Equipment Sales Quantity by



Country (2019-2024) & (Units)

Table 114. South America Wafer Used Dry Etching Equipment Sales Quantity by Country (2025-2030) & (Units)

Table 115. South America Wafer Used Dry Etching Equipment Consumption Value by Country (2019-2024) & (USD Million)

Table 116. South America Wafer Used Dry Etching Equipment Consumption Value by Country (2025-2030) & (USD Million)

Table 117. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Type (2019-2024) & (Units)

Table 118. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Type (2025-2030) & (Units)

Table 119. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Application (2019-2024) & (Units)

Table 120. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Application (2025-2030) & (Units)

Table 121. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Region (2019-2024) & (Units)

Table 122. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity by Region (2025-2030) & (Units)

Table 123. Middle East & Africa Wafer Used Dry Etching Equipment Consumption Value by Region (2019-2024) & (USD Million)

Table 124. Middle East & Africa Wafer Used Dry Etching Equipment Consumption Value by Region (2025-2030) & (USD Million)

 Table 125. Wafer Used Dry Etching Equipment Raw Material

Table 126. Key Manufacturers of Wafer Used Dry Etching Equipment Raw Materials

Table 127. Wafer Used Dry Etching Equipment Typical Distributors

Table 128. Wafer Used Dry Etching Equipment Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Wafer Used Dry Etching Equipment Picture

Figure 2. Global Wafer Used Dry Etching Equipment Consumption Value by Type,

(USD Million), 2019 & 2023 & 2030

Figure 3. Global Wafer Used Dry Etching Equipment Consumption Value Market Share by Type in 2023

Figure 4. Silicon Etch Examples

Figure 5. Dielectric Etch Examples

Figure 6. Conductor Etch Examples

Figure 7. Global Wafer Used Dry Etching Equipment Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 8. Global Wafer Used Dry Etching Equipment Consumption Value Market Share by Application in 2023

Figure 9. IDM Examples

Figure 10. Foundry Examples

Figure 11. Global Wafer Used Dry Etching Equipment Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 12. Global Wafer Used Dry Etching Equipment Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 13. Global Wafer Used Dry Etching Equipment Sales Quantity (2019-2030) & (Units)

Figure 14. Global Wafer Used Dry Etching Equipment Average Price (2019-2030) & (US\$/Unit)

Figure 15. Global Wafer Used Dry Etching Equipment Sales Quantity Market Share by Manufacturer in 2023

Figure 16. Global Wafer Used Dry Etching Equipment Consumption Value Market Share by Manufacturer in 2023

Figure 17. Producer Shipments of Wafer Used Dry Etching Equipment by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 18. Top 3 Wafer Used Dry Etching Equipment Manufacturer (Consumption Value) Market Share in 2023

Figure 19. Top 6 Wafer Used Dry Etching Equipment Manufacturer (Consumption Value) Market Share in 2023

Figure 20. Global Wafer Used Dry Etching Equipment Sales Quantity Market Share by Region (2019-2030)

Figure 21. Global Wafer Used Dry Etching Equipment Consumption Value Market



Share by Region (2019-2030)

Figure 22. North America Wafer Used Dry Etching Equipment Consumption Value (2019-2030) & (USD Million)

Figure 23. Europe Wafer Used Dry Etching Equipment Consumption Value (2019-2030) & (USD Million)

Figure 24. Asia-Pacific Wafer Used Dry Etching Equipment Consumption Value (2019-2030) & (USD Million)

Figure 25. South America Wafer Used Dry Etching Equipment Consumption Value (2019-2030) & (USD Million)

Figure 26. Middle East & Africa Wafer Used Dry Etching Equipment Consumption Value (2019-2030) & (USD Million)

Figure 27. Global Wafer Used Dry Etching Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 28. Global Wafer Used Dry Etching Equipment Consumption Value Market Share by Type (2019-2030)

Figure 29. Global Wafer Used Dry Etching Equipment Average Price by Type (2019-2030) & (US\$/Unit)

Figure 30. Global Wafer Used Dry Etching Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 31. Global Wafer Used Dry Etching Equipment Consumption Value Market Share by Application (2019-2030)

Figure 32. Global Wafer Used Dry Etching Equipment Average Price by Application (2019-2030) & (US\$/Unit)

Figure 33. North America Wafer Used Dry Etching Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 34. North America Wafer Used Dry Etching Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 35. North America Wafer Used Dry Etching Equipment Sales Quantity Market Share by Country (2019-2030)

Figure 36. North America Wafer Used Dry Etching Equipment Consumption Value Market Share by Country (2019-2030)

Figure 37. United States Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 38. Canada Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Mexico Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Europe Wafer Used Dry Etching Equipment Sales Quantity Market Share by Type (2019-2030)



Figure 41. Europe Wafer Used Dry Etching Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 42. Europe Wafer Used Dry Etching Equipment Sales Quantity Market Share by Country (2019-2030)

Figure 43. Europe Wafer Used Dry Etching Equipment Consumption Value Market Share by Country (2019-2030)

Figure 44. Germany Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. France Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. United Kingdom Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Russia Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Italy Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 50. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity Market Share by Application (2019-2030)

Figure 51. Asia-Pacific Wafer Used Dry Etching Equipment Sales Quantity Market Share by Region (2019-2030)

Figure 52. Asia-Pacific Wafer Used Dry Etching Equipment Consumption Value Market Share by Region (2019-2030)

Figure 53. China Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Japan Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Korea Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. India Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Southeast Asia Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Australia Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. South America Wafer Used Dry Etching Equipment Sales Quantity Market Share by Type (2019-2030)

Figure 60. South America Wafer Used Dry Etching Equipment Sales Quantity Market



Share by Application (2019-2030) Figure 61. South America Wafer Used Dry Etching Equipment Sales Quantity Market Share by Country (2019-2030) Figure 62. South America Wafer Used Dry Etching Equipment Consumption Value Market Share by Country (2019-2030) Figure 63. Brazil Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million) Figure 64. Argentina Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million) Figure 65. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity Market Share by Type (2019-2030) Figure 66. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity Market Share by Application (2019-2030) Figure 67. Middle East & Africa Wafer Used Dry Etching Equipment Sales Quantity Market Share by Region (2019-2030) Figure 68. Middle East & Africa Wafer Used Dry Etching Equipment Consumption Value Market Share by Region (2019-2030) Figure 69. Turkey Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million) Figure 70. Egypt Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million) Figure 71. Saudi Arabia Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million) Figure 72. South Africa Wafer Used Dry Etching Equipment Consumption Value and Growth Rate (2019-2030) & (USD Million) Figure 73. Wafer Used Dry Etching Equipment Market Drivers Figure 74. Wafer Used Dry Etching Equipment Market Restraints Figure 75. Wafer Used Dry Etching Equipment Market Trends Figure 76. Porters Five Forces Analysis Figure 77. Manufacturing Cost Structure Analysis of Wafer Used Dry Etching Equipment in 2023 Figure 78. Manufacturing Process Analysis of Wafer Used Dry Etching Equipment Figure 79. Wafer Used Dry Etching Equipment Industrial Chain Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors Figure 81. Direct Channel Pros & Cons Figure 82. Indirect Channel Pros & Cons Figure 83. Methodology Figure 84. Research Process and Data Source



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