

# Global SiC Extra High Temperature Process Equipment Market Growth 2024-2030

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## Abstracts

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Silicon Carbide (SiC) extra high temperature process equipment refers to machinery and devices designed to operate at extremely high temperatures, utilizing Silicon Carbide as a key material due to its exceptional thermal, mechanical, and chemical properties. SiC is known for its high melting point, thermal conductivity, hardness, and resistance to thermal shock, oxidation, and chemical corrosion, making it ideal for use in demanding high-temperature environments.

The global SiC Extra High Temperature Process Equipment market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

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

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SiC Extra High Temperature Process 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 SiC Extra High Temperature Process Equipment.

United States market for SiC Extra High Temperature Process Equipment is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for SiC Extra High Temperature Process Equipment is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for SiC Extra High Temperature Process Equipment is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key SiC Extra High Temperature Process Equipment players cover Tokyo Electron Limited, ULVAC, Toyoko Kagaku, Nabertherm, Jipal Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of SiC Extra High Temperature Process Equipment market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Automatic

Semi-automatic

Segmentation by Application:

Oxidation ( O<sub>2</sub> )

Post Oxidation Anneal?N<sub>2</sub>O?NO?

Anneal ( N<sub>2</sub>, Ar )

Activation Anneal process ( Post Implantation Anneal )

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.

Tokyo Electron Limited

ULVAC

Toyoko Kagaku

Nabertherm

Jipal Corporation

Liguan Microelectronics Equipment

### Key Questions Addressed in this Report

What is the 10-year outlook for the global SiC Extra High Temperature Process Equipment market?

What factors are driving SiC Extra High Temperature Process Equipment market growth, globally and by region?

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

How do SiC Extra High Temperature Process Equipment market opportunities vary by end market size?

How does SiC Extra High Temperature Process 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 SiC Extra High Temperature Process Equipment Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for SiC Extra High Temperature Process Equipment by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for SiC Extra High Temperature Process Equipment by Country/Region, 2019, 2023 & 2030

#### 2.2 SiC Extra High Temperature Process Equipment Segment by Type

- 2.2.1 Automatic
- 2.2.2 Semi-automatic

#### 2.3 SiC Extra High Temperature Process Equipment Sales by Type

- 2.3.1 Global SiC Extra High Temperature Process Equipment Sales Market Share by Type (2019-2024)
- 2.3.2 Global SiC Extra High Temperature Process Equipment Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global SiC Extra High Temperature Process Equipment Sale Price by Type (2019-2024)

#### 2.4 SiC Extra High Temperature Process Equipment Segment by Application

- 2.4.1 Oxidation ( O<sub>2</sub> )
- 2.4.2 Post Oxidation Anneal?N<sub>2</sub>O?NO?
- 2.4.3 Anneal ( N<sub>2</sub>, Ar )
- 2.4.4 Activation Anneal process ( Post Implantation Anneal )
- 2.4.5 Others

#### 2.5 SiC Extra High Temperature Process Equipment Sales by Application

- 2.5.1 Global SiC Extra High Temperature Process Equipment Sale Market Share by

Application (2019-2024)

2.5.2 Global SiC Extra High Temperature Process Equipment Revenue and Market Share by Application (2019-2024)

2.5.3 Global SiC Extra High Temperature Process Equipment Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global SiC Extra High Temperature Process Equipment Breakdown Data by Company

3.1.1 Global SiC Extra High Temperature Process Equipment Annual Sales by Company (2019-2024)

3.1.2 Global SiC Extra High Temperature Process Equipment Sales Market Share by Company (2019-2024)

3.2 Global SiC Extra High Temperature Process Equipment Annual Revenue by Company (2019-2024)

3.2.1 Global SiC Extra High Temperature Process Equipment Revenue by Company (2019-2024)

3.2.2 Global SiC Extra High Temperature Process Equipment Revenue Market Share by Company (2019-2024)

3.3 Global SiC Extra High Temperature Process Equipment Sale Price by Company

3.4 Key Manufacturers SiC Extra High Temperature Process Equipment Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers SiC Extra High Temperature Process Equipment Product Location Distribution

3.4.2 Players SiC Extra High Temperature Process Equipment Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

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

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR SiC EXTRA HIGH TEMPERATURE PROCESS EQUIPMENT BY GEOGRAPHIC REGION**

4.1 World Historic SiC Extra High Temperature Process Equipment Market Size by Geographic Region (2019-2024)

4.1.1 Global SiC Extra High Temperature Process Equipment Annual Sales by Geographic Region (2019-2024)

4.1.2 Global SiC Extra High Temperature Process Equipment Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic SiC Extra High Temperature Process Equipment Market Size by Country/Region (2019-2024)

4.2.1 Global SiC Extra High Temperature Process Equipment Annual Sales by Country/Region (2019-2024)

4.2.2 Global SiC Extra High Temperature Process Equipment Annual Revenue by Country/Region (2019-2024)

4.3 Americas SiC Extra High Temperature Process Equipment Sales Growth

4.4 APAC SiC Extra High Temperature Process Equipment Sales Growth

4.5 Europe SiC Extra High Temperature Process Equipment Sales Growth

4.6 Middle East & Africa SiC Extra High Temperature Process Equipment Sales Growth

## **5 AMERICAS**

5.1 Americas SiC Extra High Temperature Process Equipment Sales by Country

5.1.1 Americas SiC Extra High Temperature Process Equipment Sales by Country (2019-2024)

5.1.2 Americas SiC Extra High Temperature Process Equipment Revenue by Country (2019-2024)

5.2 Americas SiC Extra High Temperature Process Equipment Sales by Type (2019-2024)

5.3 Americas SiC Extra High Temperature Process Equipment Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC SiC Extra High Temperature Process Equipment Sales by Region

6.1.1 APAC SiC Extra High Temperature Process Equipment Sales by Region (2019-2024)

6.1.2 APAC SiC Extra High Temperature Process Equipment Revenue by Region (2019-2024)

6.2 APAC SiC Extra High Temperature Process Equipment Sales by Type (2019-2024)

6.3 APAC SiC Extra High Temperature Process Equipment Sales by Application (2019-2024)



- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe SiC Extra High Temperature Process Equipment by Country
  - 7.1.1 Europe SiC Extra High Temperature Process Equipment Sales by Country (2019-2024)
  - 7.1.2 Europe SiC Extra High Temperature Process Equipment Revenue by Country (2019-2024)
- 7.2 Europe SiC Extra High Temperature Process Equipment Sales by Type (2019-2024)
- 7.3 Europe SiC Extra High Temperature Process Equipment Sales by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa SiC Extra High Temperature Process Equipment by Country
  - 8.1.1 Middle East & Africa SiC Extra High Temperature Process Equipment Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa SiC Extra High Temperature Process Equipment Revenue by Country (2019-2024)
- 8.2 Middle East & Africa SiC Extra High Temperature Process Equipment Sales by Type (2019-2024)
- 8.3 Middle East & Africa SiC Extra High Temperature Process Equipment Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of SiC Extra High Temperature Process Equipment

10.3 Manufacturing Process Analysis of SiC Extra High Temperature Process Equipment

10.4 Industry Chain Structure of SiC Extra High Temperature Process Equipment

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 SiC Extra High Temperature Process Equipment Distributors

11.3 SiC Extra High Temperature Process Equipment Customer

## **12 WORLD FORECAST REVIEW FOR SiC EXTRA HIGH TEMPERATURE PROCESS EQUIPMENT BY GEOGRAPHIC REGION**

12.1 Global SiC Extra High Temperature Process Equipment Market Size Forecast by Region

12.1.1 Global SiC Extra High Temperature Process Equipment Forecast by Region (2025-2030)

12.1.2 Global SiC Extra High Temperature Process Equipment Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country (2025-2030)

12.3 APAC Forecast by Region (2025-2030)

12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global SiC Extra High Temperature Process Equipment Forecast by Type (2025-2030)

12.7 Global SiC Extra High Temperature Process Equipment Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

13.1 Tokyo Electron Limited

13.1.1 Tokyo Electron Limited Company Information

13.1.2 Tokyo Electron Limited SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

13.1.3 Tokyo Electron Limited SiC Extra High Temperature Process Equipment Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Tokyo Electron Limited Main Business Overview

13.1.5 Tokyo Electron Limited Latest Developments

13.2 ULVAC

13.2.1 ULVAC Company Information

13.2.2 ULVAC SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

13.2.3 ULVAC SiC Extra High Temperature Process Equipment Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 ULVAC Main Business Overview

13.2.5 ULVAC Latest Developments

13.3 Toyoko Kagaku

13.3.1 Toyoko Kagaku Company Information

13.3.2 Toyoko Kagaku SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

13.3.3 Toyoko Kagaku SiC Extra High Temperature Process Equipment Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Toyoko Kagaku Main Business Overview

13.3.5 Toyoko Kagaku Latest Developments

13.4 Nabertherm

13.4.1 Nabertherm Company Information

13.4.2 Nabertherm SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

13.4.3 Nabertherm SiC Extra High Temperature Process Equipment Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Nabertherm Main Business Overview

13.4.5 Nabertherm Latest Developments

### 13.5 Jipal Corporation

#### 13.5.1 Jipal Corporation Company Information

#### 13.5.2 Jipal Corporation SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

#### 13.5.3 Jipal Corporation SiC Extra High Temperature Process Equipment Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.5.4 Jipal Corporation Main Business Overview

#### 13.5.5 Jipal Corporation Latest Developments

### 13.6 Liguan Microelectronics Equipment

#### 13.6.1 Liguan Microelectronics Equipment Company Information

#### 13.6.2 Liguan Microelectronics Equipment SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

#### 13.6.3 Liguan Microelectronics Equipment SiC Extra High Temperature Process Equipment Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.6.4 Liguan Microelectronics Equipment Main Business Overview

#### 13.6.5 Liguan Microelectronics Equipment Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

br>

## List Of Tables

### LIST OF TABLES

Table 1. SiC Extra High Temperature Process Equipment Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. SiC Extra High Temperature Process Equipment Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Automatic

Table 4. Major Players of Semi-automatic

Table 5. Global SiC Extra High Temperature Process Equipment Sales by Type (2019-2024) & (Units)

Table 6. Global SiC Extra High Temperature Process Equipment Sales Market Share by Type (2019-2024)

Table 7. Global SiC Extra High Temperature Process Equipment Revenue by Type (2019-2024) & (\$ million)

Table 8. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Type (2019-2024)

Table 9. Global SiC Extra High Temperature Process Equipment Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global SiC Extra High Temperature Process Equipment Sale by Application (2019-2024) & (Units)

Table 11. Global SiC Extra High Temperature Process Equipment Sale Market Share by Application (2019-2024)

Table 12. Global SiC Extra High Temperature Process Equipment Revenue by Application (2019-2024) & (\$ million)

Table 13. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Application (2019-2024)

Table 14. Global SiC Extra High Temperature Process Equipment Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global SiC Extra High Temperature Process Equipment Sales by Company (2019-2024) & (Units)

Table 16. Global SiC Extra High Temperature Process Equipment Sales Market Share by Company (2019-2024)

Table 17. Global SiC Extra High Temperature Process Equipment Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Company (2019-2024)

Table 19. Global SiC Extra High Temperature Process Equipment Sale Price by

Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers SiC Extra High Temperature Process Equipment Producing Area Distribution and Sales Area

Table 21. Players SiC Extra High Temperature Process Equipment Products Offered

Table 22. SiC Extra High Temperature Process Equipment Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global SiC Extra High Temperature Process Equipment Sales by Geographic Region (2019-2024) & (Units)

Table 26. Global SiC Extra High Temperature Process Equipment Sales Market Share Geographic Region (2019-2024)

Table 27. Global SiC Extra High Temperature Process Equipment Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global SiC Extra High Temperature Process Equipment Sales by Country/Region (2019-2024) & (Units)

Table 30. Global SiC Extra High Temperature Process Equipment Sales Market Share by Country/Region (2019-2024)

Table 31. Global SiC Extra High Temperature Process Equipment Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas SiC Extra High Temperature Process Equipment Sales by Country (2019-2024) & (Units)

Table 34. Americas SiC Extra High Temperature Process Equipment Sales Market Share by Country (2019-2024)

Table 35. Americas SiC Extra High Temperature Process Equipment Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas SiC Extra High Temperature Process Equipment Sales by Type (2019-2024) & (Units)

Table 37. Americas SiC Extra High Temperature Process Equipment Sales by Application (2019-2024) & (Units)

Table 38. APAC SiC Extra High Temperature Process Equipment Sales by Region (2019-2024) & (Units)

Table 39. APAC SiC Extra High Temperature Process Equipment Sales Market Share by Region (2019-2024)

Table 40. APAC SiC Extra High Temperature Process Equipment Revenue by Region



(2019-2024) & (\$ millions)

Table 41. APAC SiC Extra High Temperature Process Equipment Sales by Type

(2019-2024) & (Units)

Table 42. APAC SiC Extra High Temperature Process Equipment Sales by Application

(2019-2024) & (Units)

Table 43. Europe SiC Extra High Temperature Process Equipment Sales by Country

(2019-2024) & (Units)

Table 44. Europe SiC Extra High Temperature Process Equipment Revenue by Country

(2019-2024) & (\$ millions)

Table 45. Europe SiC Extra High Temperature Process Equipment Sales by Type

(2019-2024) & (Units)

Table 46. Europe SiC Extra High Temperature Process Equipment Sales by Application

(2019-2024) & (Units)

Table 47. Middle East & Africa SiC Extra High Temperature Process Equipment Sales

by Country (2019-2024) & (Units)

Table 48. Middle East & Africa SiC Extra High Temperature Process Equipment

Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa SiC Extra High Temperature Process Equipment Sales

by Type (2019-2024) & (Units)

Table 50. Middle East & Africa SiC Extra High Temperature Process Equipment Sales

by Application (2019-2024) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of SiC Extra High Temperature

Process Equipment

Table 52. Key Market Challenges & Risks of SiC Extra High Temperature Process

Equipment

Table 53. Key Industry Trends of SiC Extra High Temperature Process Equipment

Table 54. SiC Extra High Temperature Process Equipment Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. SiC Extra High Temperature Process Equipment Distributors List

Table 57. SiC Extra High Temperature Process Equipment Customer List

Table 58. Global SiC Extra High Temperature Process Equipment Sales Forecast by

Region (2025-2030) & (Units)

Table 59. Global SiC Extra High Temperature Process Equipment Revenue Forecast by

Region (2025-2030) & (\$ millions)

Table 60. Americas SiC Extra High Temperature Process Equipment Sales Forecast by

Country (2025-2030) & (Units)

Table 61. Americas SiC Extra High Temperature Process Equipment Annual Revenue

Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC SiC Extra High Temperature Process Equipment Sales Forecast by

Region (2025-2030) & (Units)

Table 63. APAC SiC Extra High Temperature Process Equipment Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe SiC Extra High Temperature Process Equipment Sales Forecast by Country (2025-2030) & (Units)

Table 65. Europe SiC Extra High Temperature Process Equipment Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa SiC Extra High Temperature Process Equipment Sales Forecast by Country (2025-2030) & (Units)

Table 67. Middle East & Africa SiC Extra High Temperature Process Equipment Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global SiC Extra High Temperature Process Equipment Sales Forecast by Type (2025-2030) & (Units)

Table 69. Global SiC Extra High Temperature Process Equipment Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global SiC Extra High Temperature Process Equipment Sales Forecast by Application (2025-2030) & (Units)

Table 71. Global SiC Extra High Temperature Process Equipment Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. Tokyo Electron Limited Basic Information, SiC Extra High Temperature Process Equipment Manufacturing Base, Sales Area and Its Competitors

Table 73. Tokyo Electron Limited SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

Table 74. Tokyo Electron Limited SiC Extra High Temperature Process Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. Tokyo Electron Limited Main Business

Table 76. Tokyo Electron Limited Latest Developments

Table 77. ULVAC Basic Information, SiC Extra High Temperature Process Equipment Manufacturing Base, Sales Area and Its Competitors

Table 78. ULVAC SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

Table 79. ULVAC SiC Extra High Temperature Process Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. ULVAC Main Business

Table 81. ULVAC Latest Developments

Table 82. Toyoko Kagaku Basic Information, SiC Extra High Temperature Process Equipment Manufacturing Base, Sales Area and Its Competitors

Table 83. Toyoko Kagaku SiC Extra High Temperature Process Equipment Product Portfolios and Specifications



Table 84. Toyoko Kagaku SiC Extra High Temperature Process Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. Toyoko Kagaku Main Business

Table 86. Toyoko Kagaku Latest Developments

Table 87. Nabertherm Basic Information, SiC Extra High Temperature Process Equipment Manufacturing Base, Sales Area and Its Competitors

Table 88. Nabertherm SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

Table 89. Nabertherm SiC Extra High Temperature Process Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. Nabertherm Main Business

Table 91. Nabertherm Latest Developments

Table 92. Jipal Corporation Basic Information, SiC Extra High Temperature Process Equipment Manufacturing Base, Sales Area and Its Competitors

Table 93. Jipal Corporation SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

Table 94. Jipal Corporation SiC Extra High Temperature Process Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Jipal Corporation Main Business

Table 96. Jipal Corporation Latest Developments

Table 97. Ligan Microelectronics Equipment Basic Information, SiC Extra High Temperature Process Equipment Manufacturing Base, Sales Area and Its Competitors

Table 98. Ligan Microelectronics Equipment SiC Extra High Temperature Process Equipment Product Portfolios and Specifications

Table 99. Ligan Microelectronics Equipment SiC Extra High Temperature Process Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. Ligan Microelectronics Equipment Main Business

Table 101. Ligan Microelectronics Equipment Latest Developments

br>

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of SiC Extra High Temperature Process Equipment
- Figure 2. SiC Extra High Temperature Process Equipment Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global SiC Extra High Temperature Process Equipment Sales Growth Rate 2019-2030 (Units)
- Figure 7. Global SiC Extra High Temperature Process Equipment Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. SiC Extra High Temperature Process Equipment Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. SiC Extra High Temperature Process Equipment Sales Market Share by Country/Region (2023)
- Figure 10. SiC Extra High Temperature Process Equipment Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Automatic
- Figure 12. Product Picture of Semi-automatic
- Figure 13. Global SiC Extra High Temperature Process Equipment Sales Market Share by Type in 2023
- Figure 14. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Type (2019-2024)
- Figure 15. SiC Extra High Temperature Process Equipment Consumed in Oxidation ( O<sub>2</sub> )
- Figure 16. Global SiC Extra High Temperature Process Equipment Market: Oxidation ( O<sub>2</sub> ) (2019-2024) & (Units)
- Figure 17. SiC Extra High Temperature Process Equipment Consumed in Post Oxidation Anneal?N<sub>2</sub>O?NO?
- Figure 18. Global SiC Extra High Temperature Process Equipment Market: Post Oxidation Anneal?N<sub>2</sub>O?NO? (2019-2024) & (Units)
- Figure 19. SiC Extra High Temperature Process Equipment Consumed in Anneal ( N<sub>2</sub>, Ar )
- Figure 20. Global SiC Extra High Temperature Process Equipment Market: Anneal ( N<sub>2</sub>, Ar ) (2019-2024) & (Units)
- Figure 21. SiC Extra High Temperature Process Equipment Consumed in Activation Anneal process ( Post Implantation Anneal )

Figure 22. Global SiC Extra High Temperature Process Equipment Market: Activation Anneal process ( Post Implantation Anneal ) (2019-2024) & (Units)

Figure 23. SiC Extra High Temperature Process Equipment Consumed in Others

Figure 24. Global SiC Extra High Temperature Process Equipment Market: Others (2019-2024) & (Units)

Figure 25. Global SiC Extra High Temperature Process Equipment Sale Market Share by Application (2023)

Figure 26. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Application in 2023

Figure 27. SiC Extra High Temperature Process Equipment Sales by Company in 2023 (Units)

Figure 28. Global SiC Extra High Temperature Process Equipment Sales Market Share by Company in 2023

Figure 29. SiC Extra High Temperature Process Equipment Revenue by Company in 2023 (\$ millions)

Figure 30. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Company in 2023

Figure 31. Global SiC Extra High Temperature Process Equipment Sales Market Share by Geographic Region (2019-2024)

Figure 32. Global SiC Extra High Temperature Process Equipment Revenue Market Share by Geographic Region in 2023

Figure 33. Americas SiC Extra High Temperature Process Equipment Sales 2019-2024 (Units)

Figure 34. Americas SiC Extra High Temperature Process Equipment Revenue 2019-2024 (\$ millions)

Figure 35. APAC SiC Extra High Temperature Process Equipment Sales 2019-2024 (Units)

Figure 36. APAC SiC Extra High Temperature Process Equipment Revenue 2019-2024 (\$ millions)

Figure 37. Europe SiC Extra High Temperature Process Equipment Sales 2019-2024 (Units)

Figure 38. Europe SiC Extra High Temperature Process Equipment Revenue 2019-2024 (\$ millions)

Figure 39. Middle East & Africa SiC Extra High Temperature Process Equipment Sales 2019-2024 (Units)

Figure 40. Middle East & Africa SiC Extra High Temperature Process Equipment Revenue 2019-2024 (\$ millions)

Figure 41. Americas SiC Extra High Temperature Process Equipment Sales Market Share by Country in 2023

- Figure 42. Americas SiC Extra High Temperature Process Equipment Revenue Market Share by Country (2019-2024)
- Figure 43. Americas SiC Extra High Temperature Process Equipment Sales Market Share by Type (2019-2024)
- Figure 44. Americas SiC Extra High Temperature Process Equipment Sales Market Share by Application (2019-2024)
- Figure 45. United States SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 46. Canada SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 47. Mexico SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 48. Brazil SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 49. APAC SiC Extra High Temperature Process Equipment Sales Market Share by Region in 2023
- Figure 50. APAC SiC Extra High Temperature Process Equipment Revenue Market Share by Region (2019-2024)
- Figure 51. APAC SiC Extra High Temperature Process Equipment Sales Market Share by Type (2019-2024)
- Figure 52. APAC SiC Extra High Temperature Process Equipment Sales Market Share by Application (2019-2024)
- Figure 53. China SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 54. Japan SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 55. South Korea SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 56. Southeast Asia SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 57. India SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 58. Australia SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 59. China Taiwan SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)
- Figure 60. Europe SiC Extra High Temperature Process Equipment Sales Market Share by Country in 2023
- Figure 61. Europe SiC Extra High Temperature Process Equipment Revenue Market

Share by Country (2019-2024)

Figure 62. Europe SiC Extra High Temperature Process Equipment Sales Market Share by Type (2019-2024)

Figure 63. Europe SiC Extra High Temperature Process Equipment Sales Market Share by Application (2019-2024)

Figure 64. Germany SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 65. France SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 66. UK SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 67. Italy SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 68. Russia SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 69. Middle East & Africa SiC Extra High Temperature Process Equipment Sales Market Share by Country (2019-2024)

Figure 70. Middle East & Africa SiC Extra High Temperature Process Equipment Sales Market Share by Type (2019-2024)

Figure 71. Middle East & Africa SiC Extra High Temperature Process Equipment Sales Market Share by Application (2019-2024)

Figure 72. Egypt SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 73. South Africa SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 74. Israel SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 75. Turkey SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 76. GCC Countries SiC Extra High Temperature Process Equipment Revenue Growth 2019-2024 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of SiC Extra High Temperature Process Equipment in 2023

Figure 78. Manufacturing Process Analysis of SiC Extra High Temperature Process Equipment

Figure 79. Industry Chain Structure of SiC Extra High Temperature Process Equipment

Figure 80. Channels of Distribution

Figure 81. Global SiC Extra High Temperature Process Equipment Sales Market Forecast by Region (2025-2030)

Figure 82. Global SiC Extra High Temperature Process Equipment Revenue Market Share Forecast by Region (2025-2030)

Figure 83. Global SiC Extra High Temperature Process Equipment Sales Market Share Forecast by Type (2025-2030)

Figure 84. Global SiC Extra High Temperature Process Equipment Revenue Market Share Forecast by Type (2025-2030)

Figure 85. Global SiC Extra High Temperature Process Equipment Sales Market Share Forecast by Application (2025-2030)

Figure 86. Global SiC Extra High Temperature Process Equipment Revenue Market Share Forecast by Application (2025-2030)

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