

Global SiC Epitaxial Growth Equipment Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G4F5C55B0ABEEN.html>

Date: April 2026

Pages: 105

Price: US\$ 4,480.00 (Single User License)

ID: G4F5C55B0ABEEN

Abstracts

The global SiC Epitaxial Growth Equipment market size is expected to reach \$ 1200 million by 2032, rising at a market growth of 6.1% CAGR during the forecast period (2026-2032).

SiC epitaxial growth equipment refers to specialized semiconductor manufacturing systems used to deposit high-quality silicon carbide (SiC) epitaxial layers on SiC substrates through controlled chemical vapor deposition (CVD) processes, enabling the production of power electronic devices with superior electrical performance, high temperature resistance, and high breakdown voltage for applications in electric vehicles, renewable energy, and industrial power systems.

The SiC epitaxial growth equipment industry chain begins upstream with suppliers of high-purity gases, SiC substrates, graphite components, heating elements, vacuum systems, and precision control instruments, continues midstream with equipment manufacturers that design and produce epitaxial reactors, temperature control systems, and process software while ensuring uniform deposition and defect control, and extends downstream to semiconductor foundries and integrated device manufacturers that use epitaxial wafers to fabricate power devices such as MOSFETs and diodes, ultimately serving end markets including electric vehicles, renewable energy systems, industrial automation, and high-efficiency power conversion applications.

Current and planned projects in the SiC epitaxial growth equipment sector include expansion of production facilities for next-generation CVD reactors in Asia, Europe, and North America, establishment of new R&D centers focused on scaling epitaxial processes to 8-inch wafers, strategic collaborations between equipment manufacturers and semiconductor companies to improve yield and reduce defect density, government-

supported initiatives to localize SiC supply chains, pilot lines for high-volume manufacturing of automotive-grade SiC wafers, and investments in automation and digitalization technologies to enhance equipment performance, reduce operational costs, and support the rapidly growing demand for power electronics in electric mobility and energy infrastructure.

2025 Global Market sales Volume: 556 Units, Average Global Market Price: USD 1.4 Million/Unit, Market Average Gross Profit Margin: 35%.

The SiC epitaxial growth equipment market is in a high-growth phase driven by the accelerating adoption of silicon carbide power devices, particularly in electric vehicles, fast-charging infrastructure, and renewable energy systems, where SiC offers superior efficiency, higher voltage tolerance, and reduced energy losses compared to traditional silicon-based devices. The market remains relatively concentrated due to high technical barriers, long development cycles, and the need for precise process control, with demand closely tied to the expansion of SiC wafer production capacity and the transition from 6-inch to 8-inch wafer platforms.

From a regional perspective, Asia-Pacific leads in manufacturing expansion, especially in China, Japan, and South Korea, where strong government support and growing domestic demand for EVs and industrial power electronics are driving investments, while Europe and North America maintain leadership in technology innovation and high-end equipment development, supported by established semiconductor ecosystems and strategic initiatives to secure local supply chains.

Opportunities in the market are substantial, particularly with the rapid electrification of transportation, increasing deployment of renewable energy systems, and rising demand for energy-efficient industrial equipment, although risks include high capital investment requirements, technical challenges in scaling to larger wafer sizes, supply chain constraints for critical materials, and competition from alternative wide-bandgap materials such as gallium nitride in certain applications.

Key market trends include the transition toward larger wafer sizes, increasing automation and intelligence in epitaxial equipment, integration of advanced process control and AI-based optimization, and a focus on improving yield and reducing defect densities, while manufacturers are also emphasizing modular designs and cost reduction strategies to enable mass adoption.

Competitive dynamics are characterized by a small number of highly specialized equipment suppliers competing on technology performance, process stability, and

customer relationships, with strong barriers to entry due to intellectual property, engineering complexity, and the need for close collaboration with semiconductor device manufacturers.

This report studies the global SiC Epitaxial Growth Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SiC Epitaxial Growth Equipment and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of SiC Epitaxial Growth Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SiC Epitaxial Growth Equipment total production and demand, 2021-2032, (Units)

Global SiC Epitaxial Growth Equipment total production value, 2021-2032, (USD Million)

Global SiC Epitaxial Growth Equipment production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global SiC Epitaxial Growth Equipment consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: SiC Epitaxial Growth Equipment domestic production, consumption, key domestic manufacturers and share

Global SiC Epitaxial Growth Equipment production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global SiC Epitaxial Growth Equipment production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global SiC Epitaxial Growth Equipment production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global SiC Epitaxial Growth Equipment market

based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tokyo Electron Limited, Aixtron, NuFlare, Veeco, NAURA, ASMI, SiCentury, Leadprotech, Pioneer Semiconductor Research Co, Zhejiang Jingsheng Mechanical & Electrical Co., Ltd, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World SiC Epitaxial Growth Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global SiC Epitaxial Growth Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SiC Epitaxial Growth Equipment Market, Segmentation by Type:

CVD Equipment

MOCVD Equipment

Others

Global SiC Epitaxial Growth Equipment Market, Segmentation by Wafer Size Compatibility:

4-Inch Wafer Equipment

6-Inch Wafer Equipment

8-Inch Wafer Equipment

Global SiC Epitaxial Growth Equipment Market, Segmentation by Automation Level:

Semi-Automatic Equipment

Fully Automatic Equipment

Global SiC Epitaxial Growth Equipment Market, Segmentation by Application:

Power Semiconductor Manufacturing

Electric Vehicle Power Device

Renewable Energy Inverter

Industrial Motor Drive

Others

Companies Profiled:

Tokyo Electron Limited

Aixtron

NuFlare

Veeco

NAURA

ASMI

SiCentury

Leadprotech

Pioneer Semiconductor Research Co

Zhejiang Jingsheng Mechanical & Electrical Co., Ltd

Key Questions Answered:

1. How big is the global SiC Epitaxial Growth Equipment market?
2. What is the demand of the global SiC Epitaxial Growth Equipment market?
3. What is the year over year growth of the global SiC Epitaxial Growth Equipment market?
4. What is the production and production value of the global SiC Epitaxial Growth Equipment market?
5. Who are the key producers in the global SiC Epitaxial Growth Equipment market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 SiC Epitaxial Growth Equipment Introduction
- 1.2 World SiC Epitaxial Growth Equipment Supply & Forecast
 - 1.2.1 World SiC Epitaxial Growth Equipment Production Value (2021 & 2025 & 2032)
 - 1.2.2 World SiC Epitaxial Growth Equipment Production (2021-2032)
 - 1.2.3 World SiC Epitaxial Growth Equipment Pricing Trends (2021-2032)
- 1.3 World SiC Epitaxial Growth Equipment Production by Region (Based on Production Site)
 - 1.3.1 World SiC Epitaxial Growth Equipment Production Value by Region (2021-2032)
 - 1.3.2 World SiC Epitaxial Growth Equipment Production by Region (2021-2032)
 - 1.3.3 World SiC Epitaxial Growth Equipment Average Price by Region (2021-2032)
 - 1.3.4 North America SiC Epitaxial Growth Equipment Production (2021-2032)
 - 1.3.5 Europe SiC Epitaxial Growth Equipment Production (2021-2032)
 - 1.3.6 China SiC Epitaxial Growth Equipment Production (2021-2032)
 - 1.3.7 Japan SiC Epitaxial Growth Equipment Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 SiC Epitaxial Growth Equipment Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 SiC Epitaxial Growth Equipment Major Market Trends

2 DEMAND SUMMARY

- 2.1 World SiC Epitaxial Growth Equipment Demand (2021-2032)
- 2.2 World SiC Epitaxial Growth Equipment Consumption by Region
 - 2.2.1 World SiC Epitaxial Growth Equipment Consumption by Region (2021-2026)
 - 2.2.2 World SiC Epitaxial Growth Equipment Consumption Forecast by Region (2027-2032)
- 2.3 United States SiC Epitaxial Growth Equipment Consumption (2021-2032)
- 2.4 China SiC Epitaxial Growth Equipment Consumption (2021-2032)
- 2.5 Europe SiC Epitaxial Growth Equipment Consumption (2021-2032)
- 2.6 Japan SiC Epitaxial Growth Equipment Consumption (2021-2032)
- 2.7 South Korea SiC Epitaxial Growth Equipment Consumption (2021-2032)
- 2.8 ASEAN SiC Epitaxial Growth Equipment Consumption (2021-2032)
- 2.9 India SiC Epitaxial Growth Equipment Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World SiC Epitaxial Growth Equipment Production Value by Manufacturer (2021-2026)
- 3.2 World SiC Epitaxial Growth Equipment Production by Manufacturer (2021-2026)
- 3.3 World SiC Epitaxial Growth Equipment Average Price by Manufacturer (2021-2026)
- 3.4 SiC Epitaxial Growth Equipment Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global SiC Epitaxial Growth Equipment Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for SiC Epitaxial Growth Equipment in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for SiC Epitaxial Growth Equipment in 2025
- 3.6 SiC Epitaxial Growth Equipment Market: Overall Company Footprint Analysis
 - 3.6.1 SiC Epitaxial Growth Equipment Market: Region Footprint
 - 3.6.2 SiC Epitaxial Growth Equipment Market: Company Product Type Footprint
 - 3.6.3 SiC Epitaxial Growth Equipment Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: SiC Epitaxial Growth Equipment Production Value Comparison
 - 4.1.1 United States VS China: SiC Epitaxial Growth Equipment Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: SiC Epitaxial Growth Equipment Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: SiC Epitaxial Growth Equipment Production Comparison
 - 4.2.1 United States VS China: SiC Epitaxial Growth Equipment Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: SiC Epitaxial Growth Equipment Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: SiC Epitaxial Growth Equipment Consumption Comparison
 - 4.3.1 United States VS China: SiC Epitaxial Growth Equipment Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: SiC Epitaxial Growth Equipment Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based SiC Epitaxial Growth Equipment Manufacturers and Market Share, 2021-2026

4.4.1 United States Based SiC Epitaxial Growth Equipment Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers SiC Epitaxial Growth Equipment Production Value (2021-2026)

4.4.3 United States Based Manufacturers SiC Epitaxial Growth Equipment Production (2021-2026)

4.5 China Based SiC Epitaxial Growth Equipment Manufacturers and Market Share

4.5.1 China Based SiC Epitaxial Growth Equipment Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers SiC Epitaxial Growth Equipment Production Value (2021-2026)

4.5.3 China Based Manufacturers SiC Epitaxial Growth Equipment Production (2021-2026)

4.6 Rest of World Based SiC Epitaxial Growth Equipment Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based SiC Epitaxial Growth Equipment Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World SiC Epitaxial Growth Equipment Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 CVD Equipment

5.2.2 MOCVD Equipment

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World SiC Epitaxial Growth Equipment Production by Type (2021-2032)

5.3.2 World SiC Epitaxial Growth Equipment Production Value by Type (2021-2032)

5.3.3 World SiC Epitaxial Growth Equipment Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY WAFER SIZE COMPATIBILITY

6.1 World SiC Epitaxial Growth Equipment Market Size Overview by Wafer Size Compatibility: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Wafer Size Compatibility

6.2.1 4-Inch Wafer Equipment

6.2.2 6-Inch Wafer Equipment

6.2.3 8-Inch Wafer Equipment

6.3 Market Segment by Wafer Size Compatibility

6.3.1 World SiC Epitaxial Growth Equipment Production by Wafer Size Compatibility (2021-2032)

6.3.2 World SiC Epitaxial Growth Equipment Production Value by Wafer Size Compatibility (2021-2032)

6.3.3 World SiC Epitaxial Growth Equipment Average Price by Wafer Size Compatibility (2021-2032)

7 MARKET ANALYSIS BY AUTOMATION LEVEL

7.1 World SiC Epitaxial Growth Equipment Market Size Overview by Automation Level: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Automation Level

7.2.1 Semi-Automatic Equipment

7.2.2 Fully Automatic Equipment

7.3 Market Segment by Automation Level

7.3.1 World SiC Epitaxial Growth Equipment Production by Automation Level (2021-2032)

7.3.2 World SiC Epitaxial Growth Equipment Production Value by Automation Level (2021-2032)

7.3.3 World SiC Epitaxial Growth Equipment Average Price by Automation Level (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World SiC Epitaxial Growth Equipment Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Power Semiconductor Manufacturing

8.2.2 Electric Vehicle Power Device

8.2.3 Renewable Energy Inverter

8.2.4 Industrial Motor Drive

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World SiC Epitaxial Growth Equipment Production by Application (2021-2032)

8.3.2 World SiC Epitaxial Growth Equipment Production Value by Application (2021-2032)

8.3.3 World SiC Epitaxial Growth Equipment Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Tokyo Electron Limited

9.1.1 Tokyo Electron Limited Details

9.1.2 Tokyo Electron Limited Major Business

9.1.3 Tokyo Electron Limited SiC Epitaxial Growth Equipment Product and Services

9.1.4 Tokyo Electron Limited SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Tokyo Electron Limited Recent Developments/Updates

9.1.6 Tokyo Electron Limited Competitive Strengths & Weaknesses

9.2 Aixtron

9.2.1 Aixtron Details

9.2.2 Aixtron Major Business

9.2.3 Aixtron SiC Epitaxial Growth Equipment Product and Services

9.2.4 Aixtron SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Aixtron Recent Developments/Updates

9.2.6 Aixtron Competitive Strengths & Weaknesses

9.3 NuFlare

9.3.1 NuFlare Details

9.3.2 NuFlare Major Business

9.3.3 NuFlare SiC Epitaxial Growth Equipment Product and Services

9.3.4 NuFlare SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 NuFlare Recent Developments/Updates

9.3.6 NuFlare Competitive Strengths & Weaknesses

9.4 Veeco

9.4.1 Veeco Details

9.4.2 Veeco Major Business

9.4.3 Veeco SiC Epitaxial Growth Equipment Product and Services

9.4.4 Veeco SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Veeco Recent Developments/Updates

9.4.6 Veeco Competitive Strengths & Weaknesses

9.5 NAURA

9.5.1 NAURA Details

9.5.2 NAURA Major Business

9.5.3 NAURA SiC Epitaxial Growth Equipment Product and Services

9.5.4 NAURA SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 NAURA Recent Developments/Updates

9.5.6 NAURA Competitive Strengths & Weaknesses

9.6 ASMI

9.6.1 ASMI Details

9.6.2 ASMI Major Business

9.6.3 ASMI SiC Epitaxial Growth Equipment Product and Services

9.6.4 ASMI SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 ASMI Recent Developments/Updates

9.6.6 ASMI Competitive Strengths & Weaknesses

9.7 SiCentury

9.7.1 SiCentury Details

9.7.2 SiCentury Major Business

9.7.3 SiCentury SiC Epitaxial Growth Equipment Product and Services

9.7.4 SiCentury SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 SiCentury Recent Developments/Updates

9.7.6 SiCentury Competitive Strengths & Weaknesses

9.8 Leadprotech

9.8.1 Leadprotech Details

9.8.2 Leadprotech Major Business

9.8.3 Leadprotech SiC Epitaxial Growth Equipment Product and Services

9.8.4 Leadprotech SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Leadprotech Recent Developments/Updates

9.8.6 Leadprotech Competitive Strengths & Weaknesses

9.9 Pioneer Semiconductor Research Co

9.9.1 Pioneer Semiconductor Research Co Details

9.9.2 Pioneer Semiconductor Research Co Major Business

9.9.3 Pioneer Semiconductor Research Co SiC Epitaxial Growth Equipment Product and Services

9.9.4 Pioneer Semiconductor Research Co SiC Epitaxial Growth Equipment

Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Pioneer Semiconductor Research Co Recent Developments/Updates

9.9.6 Pioneer Semiconductor Research Co Competitive Strengths & Weaknesses

9.10 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd

9.10.1 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Details

9.10.2 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Major Business

9.10.3 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd SiC Epitaxial Growth

Equipment Product and Services

9.10.4 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd SiC Epitaxial Growth Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Recent Developments/Updates

9.10.6 Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 SiC Epitaxial Growth Equipment Industry Chain

10.2 SiC Epitaxial Growth Equipment Upstream Analysis

10.2.1 SiC Epitaxial Growth Equipment Core Raw Materials

10.2.2 Main Manufacturers of SiC Epitaxial Growth Equipment Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 SiC Epitaxial Growth Equipment Production Mode

10.6 SiC Epitaxial Growth Equipment Procurement Model

10.7 SiC Epitaxial Growth Equipment Industry Sales Model and Sales Channels

10.7.1 SiC Epitaxial Growth Equipment Sales Model

10.7.2 SiC Epitaxial Growth Equipment Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World SiC Epitaxial Growth Equipment Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World SiC Epitaxial Growth Equipment Production Value by Region (2021-2026) & (USD Million)

Table 3. World SiC Epitaxial Growth Equipment Production Value by Region (2027-2032) & (USD Million)

Table 4. World SiC Epitaxial Growth Equipment Production Value Market Share by Region (2021-2026)

Table 5. World SiC Epitaxial Growth Equipment Production Value Market Share by Region (2027-2032)

Table 6. World SiC Epitaxial Growth Equipment Production by Region (2021-2026) & (Units)

Table 7. World SiC Epitaxial Growth Equipment Production by Region (2027-2032) & (Units)

Table 8. World SiC Epitaxial Growth Equipment Production Market Share by Region (2021-2026)

Table 9. World SiC Epitaxial Growth Equipment Production Market Share by Region (2027-2032)

Table 10. World SiC Epitaxial Growth Equipment Average Price by Region (2021-2026) & (K US\$/Unit)

Table 11. World SiC Epitaxial Growth Equipment Average Price by Region (2027-2032) & (K US\$/Unit)

Table 12. SiC Epitaxial Growth Equipment Major Market Trends

Table 13. World SiC Epitaxial Growth Equipment Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World SiC Epitaxial Growth Equipment Consumption by Region (2021-2026) & (Units)

Table 15. World SiC Epitaxial Growth Equipment Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World SiC Epitaxial Growth Equipment Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key SiC Epitaxial Growth Equipment Producers in 2025

Table 18. World SiC Epitaxial Growth Equipment Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key SiC Epitaxial Growth Equipment Producers in 2025

Table 20. World SiC Epitaxial Growth Equipment Average Price by Manufacturer (2021-2026) & (K US\$/Unit)

Table 21. Global SiC Epitaxial Growth Equipment Company Evaluation Quadrant

Table 22. World SiC Epitaxial Growth Equipment Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and SiC Epitaxial Growth Equipment Production Site of Key Manufacturer

Table 24. SiC Epitaxial Growth Equipment Market: Company Product Type Footprint

Table 25. SiC Epitaxial Growth Equipment Market: Company Product Application Footprint

Table 26. SiC Epitaxial Growth Equipment Competitive Factors

Table 27. SiC Epitaxial Growth Equipment New Entrant and Capacity Expansion Plans

Table 28. SiC Epitaxial Growth Equipment Mergers & Acquisitions Activity

Table 29. United States VS China SiC Epitaxial Growth Equipment Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China SiC Epitaxial Growth Equipment Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China SiC Epitaxial Growth Equipment Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based SiC Epitaxial Growth Equipment Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers SiC Epitaxial Growth Equipment Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers SiC Epitaxial Growth Equipment Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers SiC Epitaxial Growth Equipment Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers SiC Epitaxial Growth Equipment Production Market Share (2021-2026)

Table 37. China Based SiC Epitaxial Growth Equipment Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers SiC Epitaxial Growth Equipment Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers SiC Epitaxial Growth Equipment Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers SiC Epitaxial Growth Equipment Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers SiC Epitaxial Growth Equipment Production Market Share (2021-2026)

Table 42. Rest of World Based SiC Epitaxial Growth Equipment Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production Market Share (2021-2026)

Table 47. World SiC Epitaxial Growth Equipment Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World SiC Epitaxial Growth Equipment Production by Type (2021-2026) & (Units)

Table 49. World SiC Epitaxial Growth Equipment Production by Type (2027-2032) & (Units)

Table 50. World SiC Epitaxial Growth Equipment Production Value by Type (2021-2026) & (USD Million)

Table 51. World SiC Epitaxial Growth Equipment Production Value by Type (2027-2032) & (USD Million)

Table 52. World SiC Epitaxial Growth Equipment Average Price by Type (2021-2026) & (K US\$/Unit)

Table 53. World SiC Epitaxial Growth Equipment Average Price by Type (2027-2032) & (K US\$/Unit)

Table 54. World SiC Epitaxial Growth Equipment Production Value by Wafer Size Compatibility, (USD Million), 2021 & 2025 & 2032

Table 55. World SiC Epitaxial Growth Equipment Production by Wafer Size Compatibility (2021-2026) & (Units)

Table 56. World SiC Epitaxial Growth Equipment Production by Wafer Size Compatibility (2027-2032) & (Units)

Table 57. World SiC Epitaxial Growth Equipment Production Value by Wafer Size Compatibility (2021-2026) & (USD Million)

Table 58. World SiC Epitaxial Growth Equipment Production Value by Wafer Size Compatibility (2027-2032) & (USD Million)

Table 59. World SiC Epitaxial Growth Equipment Average Price by Wafer Size Compatibility (2021-2026) & (K US\$/Unit)

Table 60. World SiC Epitaxial Growth Equipment Average Price by Wafer Size

Compatibility (2027-2032) & (K US\$/Unit)

Table 61. World SiC Epitaxial Growth Equipment Production Value by Automation Level, (USD Million), 2021 & 2025 & 2032

Table 62. World SiC Epitaxial Growth Equipment Production by Automation Level (2021-2026) & (Units)

Table 63. World SiC Epitaxial Growth Equipment Production by Automation Level (2027-2032) & (Units)

Table 64. World SiC Epitaxial Growth Equipment Production Value by Automation Level (2021-2026) & (USD Million)

Table 65. World SiC Epitaxial Growth Equipment Production Value by Automation Level (2027-2032) & (USD Million)

Table 66. World SiC Epitaxial Growth Equipment Average Price by Automation Level (2021-2026) & (K US\$/Unit)

Table 67. World SiC Epitaxial Growth Equipment Average Price by Automation Level (2027-2032) & (K US\$/Unit)

Table 68. World SiC Epitaxial Growth Equipment Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World SiC Epitaxial Growth Equipment Production by Application (2021-2026) & (Units)

Table 70. World SiC Epitaxial Growth Equipment Production by Application (2027-2032) & (Units)

Table 71. World SiC Epitaxial Growth Equipment Production Value by Application (2021-2026) & (USD Million)

Table 72. World SiC Epitaxial Growth Equipment Production Value by Application (2027-2032) & (USD Million)

Table 73. World SiC Epitaxial Growth Equipment Average Price by Application (2021-2026) & (K US\$/Unit)

Table 74. World SiC Epitaxial Growth Equipment Average Price by Application (2027-2032) & (K US\$/Unit)

Table 75. Tokyo Electron Limited Basic Information, Manufacturing Base and Competitors

Table 76. Tokyo Electron Limited Major Business

Table 77. Tokyo Electron Limited SiC Epitaxial Growth Equipment Product and Services

Table 78. Tokyo Electron Limited SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Tokyo Electron Limited Recent Developments/Updates

Table 80. Tokyo Electron Limited Competitive Strengths & Weaknesses

Table 81. Aixtron Basic Information, Manufacturing Base and Competitors

- Table 82. Aixtron Major Business
- Table 83. Aixtron SiC Epitaxial Growth Equipment Product and Services
- Table 84. Aixtron SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Aixtron Recent Developments/Updates
- Table 86. Aixtron Competitive Strengths & Weaknesses
- Table 87. NuFlare Basic Information, Manufacturing Base and Competitors
- Table 88. NuFlare Major Business
- Table 89. NuFlare SiC Epitaxial Growth Equipment Product and Services
- Table 90. NuFlare SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. NuFlare Recent Developments/Updates
- Table 92. NuFlare Competitive Strengths & Weaknesses
- Table 93. Veeco Basic Information, Manufacturing Base and Competitors
- Table 94. Veeco Major Business
- Table 95. Veeco SiC Epitaxial Growth Equipment Product and Services
- Table 96. Veeco SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Veeco Recent Developments/Updates
- Table 98. Veeco Competitive Strengths & Weaknesses
- Table 99. NAURA Basic Information, Manufacturing Base and Competitors
- Table 100. NAURA Major Business
- Table 101. NAURA SiC Epitaxial Growth Equipment Product and Services
- Table 102. NAURA SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. NAURA Recent Developments/Updates
- Table 104. NAURA Competitive Strengths & Weaknesses
- Table 105. ASMI Basic Information, Manufacturing Base and Competitors
- Table 106. ASMI Major Business
- Table 107. ASMI SiC Epitaxial Growth Equipment Product and Services
- Table 108. ASMI SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. ASMI Recent Developments/Updates
- Table 110. ASMI Competitive Strengths & Weaknesses

- Table 111. SiCentury Basic Information, Manufacturing Base and Competitors
- Table 112. SiCentury Major Business
- Table 113. SiCentury SiC Epitaxial Growth Equipment Product and Services
- Table 114. SiCentury SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. SiCentury Recent Developments/Updates
- Table 116. SiCentury Competitive Strengths & Weaknesses
- Table 117. Leadprotech Basic Information, Manufacturing Base and Competitors
- Table 118. Leadprotech Major Business
- Table 119. Leadprotech SiC Epitaxial Growth Equipment Product and Services
- Table 120. Leadprotech SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Leadprotech Recent Developments/Updates
- Table 122. Leadprotech Competitive Strengths & Weaknesses
- Table 123. Pioneer Semiconductor Research Co Basic Information, Manufacturing Base and Competitors
- Table 124. Pioneer Semiconductor Research Co Major Business
- Table 125. Pioneer Semiconductor Research Co SiC Epitaxial Growth Equipment Product and Services
- Table 126. Pioneer Semiconductor Research Co SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Pioneer Semiconductor Research Co Recent Developments/Updates
- Table 128. Pioneer Semiconductor Research Co Competitive Strengths & Weaknesses
- Table 129. Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Basic Information, Manufacturing Base and Competitors
- Table 130. Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Major Business
- Table 131. Zhejiang Jingsheng Mechanical & Electrical Co., Ltd SiC Epitaxial Growth Equipment Product and Services
- Table 132. Zhejiang Jingsheng Mechanical & Electrical Co., Ltd SiC Epitaxial Growth Equipment Production (Units), Price (K US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Recent Developments/Updates
- Table 134. Zhejiang Jingsheng Mechanical & Electrical Co., Ltd Competitive Strengths & Weaknesses
- Table 135. Global Key Players of SiC Epitaxial Growth Equipment Upstream (Raw

Materials)

Table 136. Global SiC Epitaxial Growth Equipment Typical Customers

Table 137. SiC Epitaxial Growth Equipment Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. SiC Epitaxial Growth Equipment Picture

Figure 2. World SiC Epitaxial Growth Equipment Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World SiC Epitaxial Growth Equipment Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World SiC Epitaxial Growth Equipment Production (2021-2032) & (Units)

Figure 5. World SiC Epitaxial Growth Equipment Average Price (2021-2032) & (K US\$/Unit)

Figure 6. World SiC Epitaxial Growth Equipment Production Value Market Share by Region (2021-2032)

Figure 7. World SiC Epitaxial Growth Equipment Production Market Share by Region (2021-2032)

Figure 8. North America SiC Epitaxial Growth Equipment Production (2021-2032) & (Units)

Figure 9. Europe SiC Epitaxial Growth Equipment Production (2021-2032) & (Units)

Figure 10. China SiC Epitaxial Growth Equipment Production (2021-2032) & (Units)

Figure 11. Japan SiC Epitaxial Growth Equipment Production (2021-2032) & (Units)

Figure 12. SiC Epitaxial Growth Equipment Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 15. World SiC Epitaxial Growth Equipment Consumption Market Share by Region (2021-2032)

Figure 16. United States SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 17. China SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 18. Europe SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 19. Japan SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 20. South Korea SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 21. ASEAN SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 22. India SiC Epitaxial Growth Equipment Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of SiC Epitaxial Growth Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for SiC Epitaxial Growth Equipment Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for SiC Epitaxial Growth Equipment Markets in 2025

Figure 26. United States VS China: SiC Epitaxial Growth Equipment Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: SiC Epitaxial Growth Equipment Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: SiC Epitaxial Growth Equipment Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers SiC Epitaxial Growth Equipment Production Market Share 2025

Figure 30. China Based Manufacturers SiC Epitaxial Growth Equipment Production Market Share 2025

Figure 31. Rest of World Based Manufacturers SiC Epitaxial Growth Equipment Production Market Share 2025

Figure 32. World SiC Epitaxial Growth Equipment Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World SiC Epitaxial Growth Equipment Production Value Market Share by Type in 2025

Figure 34. CVD Equipment

Figure 35. MOCVD Equipment

Figure 36. Others

Figure 37. World SiC Epitaxial Growth Equipment Production Market Share by Type (2021-2032)

Figure 38. World SiC Epitaxial Growth Equipment Production Value Market Share by Type (2021-2032)

Figure 39. World SiC Epitaxial Growth Equipment Average Price by Type (2021-2032) & (K US\$/Unit)

Figure 40. World SiC Epitaxial Growth Equipment Production Value by Wafer Size Compatibility, (USD Million), 2021 & 2025 & 2032

Figure 41. World SiC Epitaxial Growth Equipment Production Value Market Share by Wafer Size Compatibility in 2025

Figure 42. 4-Inch Wafer Equipment

Figure 43. 6-Inch Wafer Equipment

Figure 44. 8-Inch Wafer Equipment

Figure 45. World SiC Epitaxial Growth Equipment Production Market Share by Wafer Size Compatibility (2021-2032)

Figure 46. World SiC Epitaxial Growth Equipment Production Value Market Share by Wafer Size Compatibility (2021-2032)

Figure 47. World SiC Epitaxial Growth Equipment Average Price by Wafer Size

Compatibility (2021-2032) & (K US\$/Unit)

Figure 48. World SiC Epitaxial Growth Equipment Production Value by Automation Level, (USD Million), 2021 & 2025 & 2032

Figure 49. World SiC Epitaxial Growth Equipment Production Value Market Share by Automation Level in 2025

Figure 50. Semi-Automatic Equipment

Figure 51. Fully Automatic Equipment

Figure 52. World SiC Epitaxial Growth Equipment Production Market Share by Automation Level (2021-2032)

Figure 53. World SiC Epitaxial Growth Equipment Production Value Market Share by Automation Level (2021-2032)

Figure 54. World SiC Epitaxial Growth Equipment Average Price by Automation Level (2021-2032) & (K US\$/Unit)

Figure 55. World SiC Epitaxial Growth Equipment Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World SiC Epitaxial Growth Equipment Production Value Market Share by Application in 2025

Figure 57. Power Semiconductor Manufacturing

Figure 58. Electric Vehicle Power Device

Figure 59. Renewable Energy Inverter

Figure 60. Industrial Motor Drive

Figure 61. Others

Figure 62. World SiC Epitaxial Growth Equipment Production Market Share by Application (2021-2032)

Figure 63. World SiC Epitaxial Growth Equipment Production Value Market Share by Application (2021-2032)

Figure 64. World SiC Epitaxial Growth Equipment Average Price by Application (2021-2032) & (K US\$/Unit)

Figure 65. SiC Epitaxial Growth Equipment Industry Chain

Figure 66. SiC Epitaxial Growth Equipment Procurement Model

Figure 67. SiC Epitaxial Growth Equipment Sales Model

Figure 68. SiC Epitaxial Growth Equipment Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global SiC Epitaxial Growth Equipment Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G4F5C55B0ABEEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4F5C55B0ABEEN.html>