

# Global GaN MOCVD System Supply, Demand and Key Producers, 2024-2030

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# **Abstracts**

The global GaN MOCVD System market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

MOCVD (metal organic chemical vapor deposition) is a technology that is used to deposit very thin layers of atoms onto a semiconductor wafer (wafers are thin disks mostly made of saphire or silicon). It is the most significant manufacturing MOCVD process for III-V compound semiconductors, especially for those based on Gallium Nitride (GaN). These semiconductors are the most important base materials for manufacturing red, blue, green and white LEDs. MOCVD systems meet early development and small-scale production needs for nitride applications. The system deposits high-quality GaN thin films suitable for a variety of applications including power, radio frequency and photonics.

This report studies the global GaN MOCVD System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for GaN MOCVD System, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of GaN MOCVD System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GaN MOCVD System total production and demand, 2019-2030, (K Units)



Global GaN MOCVD System total production value, 2019-2030, (USD Million)

Global GaN MOCVD System production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global GaN MOCVD System consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: GaN MOCVD System domestic production, consumption, key domestic manufacturers and share

Global GaN MOCVD System production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global GaN MOCVD System production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global GaN MOCVD System production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global GaN MOCVD System 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 Veeco, Aixtron, Taiyo Nippon Sanso, CVD Equipment Corporation, Annealsys, Agnitron Technology, NANO-MASTER and Advanced Micro-Fabrication Equipment, 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 GaN MOCVD System market.

#### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the



forecast year.
Global GaN MOCVD System Market, By Region:
United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World
Global GaN MOCVD System Market, Segmentation by Type
Planetary Reactor Technology
Close Coupled Showerhead Technology
Global GaN MOCVD System Market, Segmentation by Application
LED
Power Semiconductor
Laser Diode
Other



# Companies Profiled: Veeco Aixtron Taiyo Nippon Sanso **CVD** Equipment Corporation Annealsys Agnitron Technology NANO-MASTER Advanced Micro-Fabrication Equipment Key Questions Answered 1. How big is the global GaN MOCVD System market? 2. What is the demand of the global GaN MOCVD System market? 3. What is the year over year growth of the global GaN MOCVD System market? 4. What is the production and production value of the global GaN MOCVD System

5. Who are the key producers in the global GaN MOCVD System market?

market?



# **Contents**

#### 1 SUPPLY SUMMARY

- 1.1 GaN MOCVD System Introduction
- 1.2 World GaN MOCVD System Supply & Forecast
  - 1.2.1 World GaN MOCVD System Production Value (2019 & 2023 & 2030)
  - 1.2.2 World GaN MOCVD System Production (2019-2030)
  - 1.2.3 World GaN MOCVD System Pricing Trends (2019-2030)
- 1.3 World GaN MOCVD System Production by Region (Based on Production Site)
  - 1.3.1 World GaN MOCVD System Production Value by Region (2019-2030)
  - 1.3.2 World GaN MOCVD System Production by Region (2019-2030)
  - 1.3.3 World GaN MOCVD System Average Price by Region (2019-2030)
  - 1.3.4 North America GaN MOCVD System Production (2019-2030)
  - 1.3.5 Europe GaN MOCVD System Production (2019-2030)
  - 1.3.6 China GaN MOCVD System Production (2019-2030)
- 1.3.7 Japan GaN MOCVD System Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 GaN MOCVD System Market Drivers
- 1.4.2 Factors Affecting Demand
- 1.4.3 GaN MOCVD System Major Market Trends

#### **2 DEMAND SUMMARY**

- 2.1 World GaN MOCVD System Demand (2019-2030)
- 2.2 World GaN MOCVD System Consumption by Region
  - 2.2.1 World GaN MOCVD System Consumption by Region (2019-2024)
  - 2.2.2 World GaN MOCVD System Consumption Forecast by Region (2025-2030)
- 2.3 United States GaN MOCVD System Consumption (2019-2030)
- 2.4 China GaN MOCVD System Consumption (2019-2030)
- 2.5 Europe GaN MOCVD System Consumption (2019-2030)
- 2.6 Japan GaN MOCVD System Consumption (2019-2030)
- 2.7 South Korea GaN MOCVD System Consumption (2019-2030)
- 2.8 ASEAN GaN MOCVD System Consumption (2019-2030)
- 2.9 India GaN MOCVD System Consumption (2019-2030)

#### 3 WORLD GAN MOCVD SYSTEM MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World GaN MOCVD System Production Value by Manufacturer (2019-2024)



- 3.2 World GaN MOCVD System Production by Manufacturer (2019-2024)
- 3.3 World GaN MOCVD System Average Price by Manufacturer (2019-2024)
- 3.4 GaN MOCVD System Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global GaN MOCVD System Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for GaN MOCVD System in 2023
- 3.5.3 Global Concentration Ratios (CR8) for GaN MOCVD System in 2023
- 3.6 GaN MOCVD System Market: Overall Company Footprint Analysis
  - 3.6.1 GaN MOCVD System Market: Region Footprint
  - 3.6.2 GaN MOCVD System Market: Company Product Type Footprint
  - 3.6.3 GaN MOCVD System 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: GaN MOCVD System Production Value Comparison
- 4.1.1 United States VS China: GaN MOCVD System Production Value Comparison (2019 & 2023 & 2030)
- 4.1.2 United States VS China: GaN MOCVD System Production Value Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States VS China: GaN MOCVD System Production Comparison
- 4.2.1 United States VS China: GaN MOCVD System Production Comparison (2019 & 2023 & 2030)
- 4.2.2 United States VS China: GaN MOCVD System Production Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States VS China: GaN MOCVD System Consumption Comparison
- 4.3.1 United States VS China: GaN MOCVD System Consumption Comparison (2019 & 2023 & 2030)
- 4.3.2 United States VS China: GaN MOCVD System Consumption Market Share Comparison (2019 & 2023 & 2030)
- 4.4 United States Based GaN MOCVD System Manufacturers and Market Share, 2019-2024
- 4.4.1 United States Based GaN MOCVD System Manufacturers, Headquarters and Production Site (States, Country)



- 4.4.2 United States Based Manufacturers GaN MOCVD System Production Value (2019-2024)
- 4.4.3 United States Based Manufacturers GaN MOCVD System Production (2019-2024)
- 4.5 China Based GaN MOCVD System Manufacturers and Market Share
- 4.5.1 China Based GaN MOCVD System Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers GaN MOCVD System Production Value (2019-2024)
- 4.5.3 China Based Manufacturers GaN MOCVD System Production (2019-2024)
- 4.6 Rest of World Based GaN MOCVD System Manufacturers and Market Share, 2019-2024
- 4.6.1 Rest of World Based GaN MOCVD System Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers GaN MOCVD System Production Value (2019-2024)
- 4.6.3 Rest of World Based Manufacturers GaN MOCVD System Production (2019-2024)

#### **5 MARKET ANALYSIS BY TYPE**

- 5.1 World GaN MOCVD System Market Size Overview by Type: 2019 VS 2023 VS 2030
- 5.2 Segment Introduction by Type
  - 5.2.1 Planetary Reactor Technology
  - 5.2.2 Close Coupled Showerhead Technology
- 5.3 Market Segment by Type
- 5.3.1 World GaN MOCVD System Production by Type (2019-2030)
- 5.3.2 World GaN MOCVD System Production Value by Type (2019-2030)
- 5.3.3 World GaN MOCVD System Average Price by Type (2019-2030)

#### **6 MARKET ANALYSIS BY APPLICATION**

- 6.1 World GaN MOCVD System Market Size Overview by Application: 2019 VS 2023 VS 2030
- 6.2 Segment Introduction by Application
  - 6.2.1 LED
  - 6.2.2 Power Semiconductor
  - 6.2.3 Laser Diode



- 6.2.4 Other
- 6.3 Market Segment by Application
  - 6.3.1 World GaN MOCVD System Production by Application (2019-2030)
  - 6.3.2 World GaN MOCVD System Production Value by Application (2019-2030)
  - 6.3.3 World GaN MOCVD System Average Price by Application (2019-2030)

#### **7 COMPANY PROFILES**

- 7.1 Veeco
  - 7.1.1 Veeco Details
  - 7.1.2 Veeco Major Business
  - 7.1.3 Veeco GaN MOCVD System Product and Services
- 7.1.4 Veeco GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.1.5 Veeco Recent Developments/Updates
  - 7.1.6 Veeco Competitive Strengths & Weaknesses
- 7.2 Aixtron
- 7.2.1 Aixtron Details
- 7.2.2 Aixtron Major Business
- 7.2.3 Aixtron GaN MOCVD System Product and Services
- 7.2.4 Aixtron GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.2.5 Aixtron Recent Developments/Updates
  - 7.2.6 Aixtron Competitive Strengths & Weaknesses
- 7.3 Taiyo Nippon Sanso
  - 7.3.1 Taiyo Nippon Sanso Details
  - 7.3.2 Taiyo Nippon Sanso Major Business
  - 7.3.3 Taiyo Nippon Sanso GaN MOCVD System Product and Services
- 7.3.4 Taiyo Nippon Sanso GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.3.5 Taiyo Nippon Sanso Recent Developments/Updates
  - 7.3.6 Taiyo Nippon Sanso Competitive Strengths & Weaknesses
- 7.4 CVD Equipment Corporation
  - 7.4.1 CVD Equipment Corporation Details
  - 7.4.2 CVD Equipment Corporation Major Business
  - 7.4.3 CVD Equipment Corporation GaN MOCVD System Product and Services
  - 7.4.4 CVD Equipment Corporation GaN MOCVD System Production, Price, Value,
- Gross Margin and Market Share (2019-2024)
- 7.4.5 CVD Equipment Corporation Recent Developments/Updates



## 7.4.6 CVD Equipment Corporation Competitive Strengths & Weaknesses

- 7.5 Annealsys
  - 7.5.1 Annealsys Details
  - 7.5.2 Annealsys Major Business
  - 7.5.3 Annealsys GaN MOCVD System Product and Services
- 7.5.4 Annealsys GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.5.5 Annealsys Recent Developments/Updates
  - 7.5.6 Annealsys Competitive Strengths & Weaknesses
- 7.6 Agnitron Technology
  - 7.6.1 Agnitron Technology Details
  - 7.6.2 Agnitron Technology Major Business
- 7.6.3 Agnitron Technology GaN MOCVD System Product and Services
- 7.6.4 Agnitron Technology GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.6.5 Agnitron Technology Recent Developments/Updates
- 7.6.6 Agnitron Technology Competitive Strengths & Weaknesses
- 7.7 NANO-MASTER
  - 7.7.1 NANO-MASTER Details
  - 7.7.2 NANO-MASTER Major Business
  - 7.7.3 NANO-MASTER GaN MOCVD System Product and Services
- 7.7.4 NANO-MASTER GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.7.5 NANO-MASTER Recent Developments/Updates
  - 7.7.6 NANO-MASTER Competitive Strengths & Weaknesses
- 7.8 Advanced Micro-Fabrication Equipment
  - 7.8.1 Advanced Micro-Fabrication Equipment Details
  - 7.8.2 Advanced Micro-Fabrication Equipment Major Business
- 7.8.3 Advanced Micro-Fabrication Equipment GaN MOCVD System Product and Services
- 7.8.4 Advanced Micro-Fabrication Equipment GaN MOCVD System Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 Advanced Micro-Fabrication Equipment Recent Developments/Updates
- 7.8.6 Advanced Micro-Fabrication Equipment Competitive Strengths & Weaknesses

#### 8 INDUSTRY CHAIN ANALYSIS

- 8.1 GaN MOCVD System Industry Chain
- 8.2 GaN MOCVD System Upstream Analysis



- 8.2.1 GaN MOCVD System Core Raw Materials
- 8.2.2 Main Manufacturers of GaN MOCVD System Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 GaN MOCVD System Production Mode
- 8.6 GaN MOCVD System Procurement Model
- 8.7 GaN MOCVD System Industry Sales Model and Sales Channels
  - 8.7.1 GaN MOCVD System Sales Model
  - 8.7.2 GaN MOCVD System Typical Customers

#### 9 RESEARCH FINDINGS AND CONCLUSION

#### **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

- Table 1. World GaN MOCVD System Production Value by Region (2019, 2023 and 2030) & (USD Million)
- Table 2. World GaN MOCVD System Production Value by Region (2019-2024) & (USD Million)
- Table 3. World GaN MOCVD System Production Value by Region (2025-2030) & (USD Million)
- Table 4. World GaN MOCVD System Production Value Market Share by Region (2019-2024)
- Table 5. World GaN MOCVD System Production Value Market Share by Region (2025-2030)
- Table 6. World GaN MOCVD System Production by Region (2019-2024) & (K Units)
- Table 7. World GaN MOCVD System Production by Region (2025-2030) & (K Units)
- Table 8. World GaN MOCVD System Production Market Share by Region (2019-2024)
- Table 9. World GaN MOCVD System Production Market Share by Region (2025-2030)
- Table 10. World GaN MOCVD System Average Price by Region (2019-2024) & (US\$/Unit)
- Table 11. World GaN MOCVD System Average Price by Region (2025-2030) & (US\$/Unit)
- Table 12. GaN MOCVD System Major Market Trends
- Table 13. World GaN MOCVD System Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (K Units)
- Table 14. World GaN MOCVD System Consumption by Region (2019-2024) & (K Units)
- Table 15. World GaN MOCVD System Consumption Forecast by Region (2025-2030) & (K Units)
- Table 16. World GaN MOCVD System Production Value by Manufacturer (2019-2024) & (USD Million)
- Table 17. Production Value Market Share of Key GaN MOCVD System Producers in 2023
- Table 18. World GaN MOCVD System Production by Manufacturer (2019-2024) & (K Units)
- Table 19. Production Market Share of Key GaN MOCVD System Producers in 2023
- Table 20. World GaN MOCVD System Average Price by Manufacturer (2019-2024) & (US\$/Unit)
- Table 21. Global GaN MOCVD System Company Evaluation Quadrant
- Table 22. World GaN MOCVD System Industry Rank of Major Manufacturers, Based on



Production Value in 2023

Table 23. Head Office and GaN MOCVD System Production Site of Key Manufacturer

Table 24. GaN MOCVD System Market: Company Product Type Footprint

Table 25. GaN MOCVD System Market: Company Product Application Footprint

Table 26. GaN MOCVD System Competitive Factors

Table 27. GaN MOCVD System New Entrant and Capacity Expansion Plans

Table 28. GaN MOCVD System Mergers & Acquisitions Activity

Table 29. United States VS China GaN MOCVD System Production Value Comparison,

(2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China GaN MOCVD System Production Comparison, (2019

& 2023 & 2030) & (K Units)

Table 31. United States VS China GaN MOCVD System Consumption Comparison,

(2019 & 2023 & 2030) & (K Units)

Table 32. United States Based GaN MOCVD System Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers GaN MOCVD System Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers GaN MOCVD System Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers GaN MOCVD System Production (2019-2024) & (K Units)

Table 36. United States Based Manufacturers GaN MOCVD System Production Market Share (2019-2024)

Table 37. China Based GaN MOCVD System Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers GaN MOCVD System Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers GaN MOCVD System Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers GaN MOCVD System Production (2019-2024) & (K Units)

Table 41. China Based Manufacturers GaN MOCVD System Production Market Share (2019-2024)

Table 42. Rest of World Based GaN MOCVD System Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers GaN MOCVD System Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers GaN MOCVD System Production Value Market Share (2019-2024)



- Table 45. Rest of World Based Manufacturers GaN MOCVD System Production (2019-2024) & (K Units)
- Table 46. Rest of World Based Manufacturers GaN MOCVD System Production Market Share (2019-2024)
- Table 47. World GaN MOCVD System Production Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 48. World GaN MOCVD System Production by Type (2019-2024) & (K Units)
- Table 49. World GaN MOCVD System Production by Type (2025-2030) & (K Units)
- Table 50. World GaN MOCVD System Production Value by Type (2019-2024) & (USD Million)
- Table 51. World GaN MOCVD System Production Value by Type (2025-2030) & (USD Million)
- Table 52. World GaN MOCVD System Average Price by Type (2019-2024) & (US\$/Unit)
- Table 53. World GaN MOCVD System Average Price by Type (2025-2030) & (US\$/Unit)
- Table 54. World GaN MOCVD System Production Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 55. World GaN MOCVD System Production by Application (2019-2024) & (K Units)
- Table 56. World GaN MOCVD System Production by Application (2025-2030) & (K Units)
- Table 57. World GaN MOCVD System Production Value by Application (2019-2024) & (USD Million)
- Table 58. World GaN MOCVD System Production Value by Application (2025-2030) & (USD Million)
- Table 59. World GaN MOCVD System Average Price by Application (2019-2024) & (US\$/Unit)
- Table 60. World GaN MOCVD System Average Price by Application (2025-2030) & (US\$/Unit)
- Table 61. Veeco Basic Information, Manufacturing Base and Competitors
- Table 62. Veeco Major Business
- Table 63. Veeco GaN MOCVD System Product and Services
- Table 64. Veeco GaN MOCVD System Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 65. Veeco Recent Developments/Updates
- Table 66. Veeco Competitive Strengths & Weaknesses
- Table 67. Aixtron Basic Information, Manufacturing Base and Competitors
- Table 68. Aixtron Major Business



- Table 69. Aixtron GaN MOCVD System Product and Services
- Table 70. Aixtron GaN MOCVD System Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2019-2024)

- Table 71. Aixtron Recent Developments/Updates
- Table 72. Aixtron Competitive Strengths & Weaknesses
- Table 73. Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors
- Table 74. Taiyo Nippon Sanso Major Business
- Table 75. Taiyo Nippon Sanso GaN MOCVD System Product and Services
- Table 76. Taiyo Nippon Sanso GaN MOCVD System Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. Taiyo Nippon Sanso Recent Developments/Updates
- Table 78. Taiyo Nippon Sanso Competitive Strengths & Weaknesses
- Table 79. CVD Equipment Corporation Basic Information, Manufacturing Base and Competitors
- Table 80. CVD Equipment Corporation Major Business
- Table 81. CVD Equipment Corporation GaN MOCVD System Product and Services
- Table 82. CVD Equipment Corporation GaN MOCVD System Production (K Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 83. CVD Equipment Corporation Recent Developments/Updates
- Table 84. CVD Equipment Corporation Competitive Strengths & Weaknesses
- Table 85. Annealsys Basic Information, Manufacturing Base and Competitors
- Table 86. Annealsys Major Business
- Table 87. Annealsys GaN MOCVD System Product and Services
- Table 88. Annealsys GaN MOCVD System Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2019-2024)

- Table 89. Annealsys Recent Developments/Updates
- Table 90. Annealsys Competitive Strengths & Weaknesses
- Table 91. Agnitron Technology Basic Information, Manufacturing Base and Competitors
- Table 92. Agnitron Technology Major Business
- Table 93. Agnitron Technology GaN MOCVD System Product and Services
- Table 94. Agnitron Technology GaN MOCVD System Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 95. Agnitron Technology Recent Developments/Updates
- Table 96. Agnitron Technology Competitive Strengths & Weaknesses
- Table 97. NANO-MASTER Basic Information, Manufacturing Base and Competitors
- Table 98. NANO-MASTER Major Business



Table 99. NANO-MASTER GaN MOCVD System Product and Services

Table 100. NANO-MASTER GaN MOCVD System Production (K Units), Price

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

Table 101. NANO-MASTER Recent Developments/Updates

Table 102. Advanced Micro-Fabrication Equipment Basic Information, Manufacturing Base and Competitors

Table 103. Advanced Micro-Fabrication Equipment Major Business

Table 104. Advanced Micro-Fabrication Equipment GaN MOCVD System Product and Services

Table 105. Advanced Micro-Fabrication Equipment GaN MOCVD System Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 106. Global Key Players of GaN MOCVD System Upstream (Raw Materials)

Table 107. GaN MOCVD System Typical Customers

Table 108. GaN MOCVD System Typical Distributors

#### LIST OF FIGURE

Figure 1. GaN MOCVD System Picture

Figure 2. World GaN MOCVD System Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World GaN MOCVD System Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World GaN MOCVD System Production (2019-2030) & (K Units)

Figure 5. World GaN MOCVD System Average Price (2019-2030) & (US\$/Unit)

Figure 6. World GaN MOCVD System Production Value Market Share by Region (2019-2030)

Figure 7. World GaN MOCVD System Production Market Share by Region (2019-2030)

Figure 8. North America GaN MOCVD System Production (2019-2030) & (K Units)

Figure 9. Europe GaN MOCVD System Production (2019-2030) & (K Units)

Figure 10. China GaN MOCVD System Production (2019-2030) & (K Units)

Figure 11. Japan GaN MOCVD System Production (2019-2030) & (K Units)

Figure 12. GaN MOCVD System Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World GaN MOCVD System Consumption (2019-2030) & (K Units)

Figure 15. World GaN MOCVD System Consumption Market Share by Region (2019-2030)

Figure 16. United States GaN MOCVD System Consumption (2019-2030) & (K Units)



- Figure 17. China GaN MOCVD System Consumption (2019-2030) & (K Units)
- Figure 18. Europe GaN MOCVD System Consumption (2019-2030) & (K Units)
- Figure 19. Japan GaN MOCVD System Consumption (2019-2030) & (K Units)
- Figure 20. South Korea GaN MOCVD System Consumption (2019-2030) & (K Units)
- Figure 21. ASEAN GaN MOCVD System Consumption (2019-2030) & (K Units)
- Figure 22. India GaN MOCVD System Consumption (2019-2030) & (K Units)
- Figure 23. Producer Shipments of GaN MOCVD System by Manufacturer Revenue (\$MM) and Market Share (%): 2023
- Figure 24. Global Four-firm Concentration Ratios (CR4) for GaN MOCVD System Markets in 2023
- Figure 25. Global Four-firm Concentration Ratios (CR8) for GaN MOCVD System Markets in 2023
- Figure 26. United States VS China: GaN MOCVD System Production Value Market Share Comparison (2019 & 2023 & 2030)
- Figure 27. United States VS China: GaN MOCVD System Production Market Share Comparison (2019 & 2023 & 2030)
- Figure 28. United States VS China: GaN MOCVD System Consumption Market Share Comparison (2019 & 2023 & 2030)
- Figure 29. United States Based Manufacturers GaN MOCVD System Production Market Share 2023
- Figure 30. China Based Manufacturers GaN MOCVD System Production Market Share 2023
- Figure 31. Rest of World Based Manufacturers GaN MOCVD System Production Market Share 2023
- Figure 32. World GaN MOCVD System Production Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 33. World GaN MOCVD System Production Value Market Share by Type in 2023
- Figure 34. Planetary Reactor Technology
- Figure 35. Close Coupled Showerhead Technology
- Figure 36. World GaN MOCVD System Production Market Share by Type (2019-2030)
- Figure 37. World GaN MOCVD System Production Value Market Share by Type (2019-2030)
- Figure 38. World GaN MOCVD System Average Price by Type (2019-2030) & (US\$/Unit)
- Figure 39. World GaN MOCVD System Production Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 40. World GaN MOCVD System Production Value Market Share by Application in 2023
- Figure 41. LED



Figure 42. Power Semiconductor

Figure 43. Laser Diode

Figure 44. Other

Figure 45. World GaN MOCVD System Production Market Share by Application (2019-2030)

Figure 46. World GaN MOCVD System Production Value Market Share by Application (2019-2030)

Figure 47. World GaN MOCVD System Average Price by Application (2019-2030) & (US\$/Unit)

Figure 48. GaN MOCVD System Industry Chain

Figure 49. GaN MOCVD System Procurement Model

Figure 50. GaN MOCVD System Sales Model

Figure 51. GaN MOCVD System Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source



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