

# Global Gas Laser Module Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Gas Laser Module market size is expected to reach \$ 818 million by 2032, rising at a market growth of 4.6% CAGR during the forecast period (2026-2032).

In 2025, global Gas Laser Module production reached 504.35 k units, with an average price of USD 1150 per unit.

The industry gross profit margin ranges from 36% to 52%.

Global production capacity in 2025 was about 672.47 k units.

Gas Laser Module uses gas molecules as gain medium to generate laser output, such as CO<sub>2</sub>, He-Ne and excimer lasers. It features high power, good beam quality and specific wavelength, used in marking, cutting, medical treatment, sensing and scientific research.

The industrial chain includes upstream gas tubes, electrodes, optical resonators, power supplies and cooling parts. Midstream involves module packaging, optical adjustment and testing. Downstream applications cover laser processing, medical devices, environmental monitoring, spectroscopy and laboratory equipment.

The gas laser module market is driven by industrial processing, medical applications and sensing equipment. High beam quality and specific wavelength advantages maintain its position in professional scenarios. Technological optimization improves stability and service life while reducing costs. Demand in medical beauty, printing and environmental detection grows steadily. Future development focuses on miniaturization, high efficiency, long life and intelligence, with manufacturers providing customized modules for different applications.

This report studies the global Gas Laser Module production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gas Laser Module 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 Gas Laser Module that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Gas Laser Module total production and demand, 2021-2032, (K Units)

Global Gas Laser Module total production value, 2021-2032, (USD Million)

Global Gas Laser Module production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Gas Laser Module consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Gas Laser Module domestic production, consumption, key domestic manufacturers and share

Global Gas Laser Module production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Gas Laser Module production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Gas Laser Module production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Gas Laser Module 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 Sumitomo Electric, Coherent, Laser Components, Newport Corporation, Z-LASER, Lecc Technology, Lumics, Jenoptik, Quarton, Laserex, 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 Gas Laser Module 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

**Global Gas Laser Module Market, By Region:**

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

**Global Gas Laser Module Market, Segmentation by Type:**

Blue

Red

Green

Infrared

**Global Gas Laser Module Market, Segmentation by Output Power:**

Low Power Gas Laser Module

Medium Power Gas Laser Module

High Power Gas Laser Module

Global Gas Laser Module Market, Segmentation by Cooling Method:

Air-Cooled Laser Module

Water-Cooled Laser Module

Integrated Cooling Module

Global Gas Laser Module Market, Segmentation by Application:

Industrial

Medical

Military and Defense

Scientific Research

Others

Companies Profiled:

Sumitomo Electric

Coherent

Laser Components

Newport Corporation

Z-LASER

Lecc Technology

Lumics

Jenoptik

Quarton

Laserex

Thorlabs

ProPhotonix

Kvant Lasers

Roithner Lasertechnik

Egismos

**Key Questions Answered:**

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

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

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

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Gas Laser Module Production Value by Manufacturer (2021-2026)

- 3.2 World Gas Laser Module Production by Manufacturer (2021-2026)
- 3.3 World Gas Laser Module Average Price by Manufacturer (2021-2026)
- 3.4 Gas Laser Module Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Gas Laser Module Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Gas Laser Module in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Gas Laser Module in 2025
- 3.6 Gas Laser Module Market: Overall Company Footprint Analysis
  - 3.6.1 Gas Laser Module Market: Region Footprint
  - 3.6.2 Gas Laser Module Market: Company Product Type Footprint
  - 3.6.3 Gas Laser Module 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: Gas Laser Module Production Value Comparison
  - 4.1.1 United States VS China: Gas Laser Module Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: Gas Laser Module Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Gas Laser Module Production Comparison
  - 4.2.1 United States VS China: Gas Laser Module Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Gas Laser Module Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Gas Laser Module Consumption Comparison
  - 4.3.1 United States VS China: Gas Laser Module Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: Gas Laser Module Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Gas Laser Module Manufacturers and Market Share, 2021-2026
  - 4.4.1 United States Based Gas Laser Module Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Gas Laser Module Production Value (2021-2026)

4.4.3 United States Based Manufacturers Gas Laser Module Production (2021-2026)

4.5 China Based Gas Laser Module Manufacturers and Market Share

4.5.1 China Based Gas Laser Module Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Gas Laser Module Production Value (2021-2026)

4.5.3 China Based Manufacturers Gas Laser Module Production (2021-2026)

4.6 Rest of World Based Gas Laser Module Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Gas Laser Module Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Gas Laser Module Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Gas Laser Module Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Gas Laser Module Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Blue

5.2.2 Red

5.2.3 Green

5.2.4 Infrared

5.3 Market Segment by Type

5.3.1 World Gas Laser Module Production by Type (2021-2032)

5.3.2 World Gas Laser Module Production Value by Type (2021-2032)

5.3.3 World Gas Laser Module Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY OUTPUT POWER**

6.1 World Gas Laser Module Market Size Overview by Output Power: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Output Power

6.2.1 Low Power Gas Laser Module

6.2.2 Medium Power Gas Laser Module

6.2.3 High Power Gas Laser Module

6.3 Market Segment by Output Power

6.3.1 World Gas Laser Module Production by Output Power (2021-2032)

6.3.2 World Gas Laser Module Production Value by Output Power (2021-2032)

6.3.3 World Gas Laser Module Average Price by Output Power (2021-2032)

## **7 MARKET ANALYSIS BY COOLING METHOD**

7.1 World Gas Laser Module Market Size Overview by Cooling Method: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Cooling Method

7.2.1 Air-Cooled Laser Module

7.2.2 Water-Cooled Laser Module

7.2.3 Integrated Cooling Module

7.3 Market Segment by Cooling Method

7.3.1 World Gas Laser Module Production by Cooling Method (2021-2032)

7.3.2 World Gas Laser Module Production Value by Cooling Method (2021-2032)

7.3.3 World Gas Laser Module Average Price by Cooling Method (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Gas Laser Module Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Industrial

8.2.2 Medical

8.2.3 Military and Defense

8.2.4 Scientific Research

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World Gas Laser Module Production by Application (2021-2032)

8.3.2 World Gas Laser Module Production Value by Application (2021-2032)

8.3.3 World Gas Laser Module Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Sumitomo Electric

9.1.1 Sumitomo Electric Details

9.1.2 Sumitomo Electric Major Business

9.1.3 Sumitomo Electric Gas Laser Module Product and Services

9.1.4 Sumitomo Electric Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.1.5 Sumitomo Electric Recent Developments/Updates
- 9.1.6 Sumitomo Electric Competitive Strengths & Weaknesses
- 9.2 Coherent
  - 9.2.1 Coherent Details
  - 9.2.2 Coherent Major Business
  - 9.2.3 Coherent Gas Laser Module Product and Services
  - 9.2.4 Coherent Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.2.5 Coherent Recent Developments/Updates
  - 9.2.6 Coherent Competitive Strengths & Weaknesses
- 9.3 Laser Components
  - 9.3.1 Laser Components Details
  - 9.3.2 Laser Components Major Business
  - 9.3.3 Laser Components Gas Laser Module Product and Services
  - 9.3.4 Laser Components Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.3.5 Laser Components Recent Developments/Updates
  - 9.3.6 Laser Components Competitive Strengths & Weaknesses
- 9.4 Newport Corporation
  - 9.4.1 Newport Corporation Details
  - 9.4.2 Newport Corporation Major Business
  - 9.4.3 Newport Corporation Gas Laser Module Product and Services
  - 9.4.4 Newport Corporation Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.4.5 Newport Corporation Recent Developments/Updates
  - 9.4.6 Newport Corporation Competitive Strengths & Weaknesses
- 9.5 Z-LASER
  - 9.5.1 Z-LASER Details
  - 9.5.2 Z-LASER Major Business
  - 9.5.3 Z-LASER Gas Laser Module Product and Services
  - 9.5.4 Z-LASER Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.5.5 Z-LASER Recent Developments/Updates
  - 9.5.6 Z-LASER Competitive Strengths & Weaknesses
- 9.6 Lecc Technology
  - 9.6.1 Lecc Technology Details
  - 9.6.2 Lecc Technology Major Business
  - 9.6.3 Lecc Technology Gas Laser Module Product and Services
  - 9.6.4 Lecc Technology Gas Laser Module Production, Price, Value, Gross Margin and

## Market Share (2021-2026)

9.6.5 Lecc Technology Recent Developments/Updates

9.6.6 Lecc Technology Competitive Strengths & Weaknesses

## 9.7 Lumics

9.7.1 Lumics Details

9.7.2 Lumics Major Business

9.7.3 Lumics Gas Laser Module Product and Services

9.7.4 Lumics Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Lumics Recent Developments/Updates

9.7.6 Lumics Competitive Strengths & Weaknesses

## 9.8 Jenoptik

9.8.1 Jenoptik Details

9.8.2 Jenoptik Major Business

9.8.3 Jenoptik Gas Laser Module Product and Services

9.8.4 Jenoptik Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Jenoptik Recent Developments/Updates

9.8.6 Jenoptik Competitive Strengths & Weaknesses

## 9.9 Quarton

9.9.1 Quarton Details

9.9.2 Quarton Major Business

9.9.3 Quarton Gas Laser Module Product and Services

9.9.4 Quarton Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Quarton Recent Developments/Updates

9.9.6 Quarton Competitive Strengths & Weaknesses

## 9.10 Laserex

9.10.1 Laserex Details

9.10.2 Laserex Major Business

9.10.3 Laserex Gas Laser Module Product and Services

9.10.4 Laserex Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Laserex Recent Developments/Updates

9.10.6 Laserex Competitive Strengths & Weaknesses

## 9.11 Thorlabs

9.11.1 Thorlabs Details

9.11.2 Thorlabs Major Business

9.11.3 Thorlabs Gas Laser Module Product and Services

9.11.4 Thorlabs Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Thorlabs Recent Developments/Updates

9.11.6 Thorlabs Competitive Strengths & Weaknesses

9.12 ProPhotonix

9.12.1 ProPhotonix Details

9.12.2 ProPhotonix Major Business

9.12.3 ProPhotonix Gas Laser Module Product and Services

9.12.4 ProPhotonix Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 ProPhotonix Recent Developments/Updates

9.12.6 ProPhotonix Competitive Strengths & Weaknesses

9.13 Kvant Lasers

9.13.1 Kvant Lasers Details

9.13.2 Kvant Lasers Major Business

9.13.3 Kvant Lasers Gas Laser Module Product and Services

9.13.4 Kvant Lasers Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 Kvant Lasers Recent Developments/Updates

9.13.6 Kvant Lasers Competitive Strengths & Weaknesses

9.14 Roithner Lasertechnik

9.14.1 Roithner Lasertechnik Details

9.14.2 Roithner Lasertechnik Major Business

9.14.3 Roithner Lasertechnik Gas Laser Module Product and Services

9.14.4 Roithner Lasertechnik Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 Roithner Lasertechnik Recent Developments/Updates

9.14.6 Roithner Lasertechnik Competitive Strengths & Weaknesses

9.15 Egismos

9.15.1 Egismos Details

9.15.2 Egismos Major Business

9.15.3 Egismos Gas Laser Module Product and Services

9.15.4 Egismos Gas Laser Module Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Egismos Recent Developments/Updates

9.15.6 Egismos Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Gas Laser Module Industry Chain
- 10.2 Gas Laser Module Upstream Analysis
  - 10.2.1 Gas Laser Module Core Raw Materials
  - 10.2.2 Main Manufacturers of Gas Laser Module Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Gas Laser Module Production Mode
- 10.6 Gas Laser Module Procurement Model
- 10.7 Gas Laser Module Industry Sales Model and Sales Channels
  - 10.7.1 Gas Laser Module Sales Model
  - 10.7.2 Gas Laser Module 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 Gas Laser Module Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Gas Laser Module Production Value by Region (2021-2026) & (USD Million)

Table 3. World Gas Laser Module Production Value by Region (2027-2032) & (USD Million)

Table 4. World Gas Laser Module Production Value Market Share by Region (2021-2026)

Table 5. World Gas Laser Module Production Value Market Share by Region (2027-2032)

Table 6. World Gas Laser Module Production by Region (2021-2026) & (K Units)

Table 7. World Gas Laser Module Production by Region (2027-2032) & (K Units)

Table 8. World Gas Laser Module Production Market Share by Region (2021-2026)

Table 9. World Gas Laser Module Production Market Share by Region (2027-2032)

Table 10. World Gas Laser Module Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Gas Laser Module Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Gas Laser Module Major Market Trends

Table 13. World Gas Laser Module Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Gas Laser Module Consumption by Region (2021-2026) & (K Units)

Table 15. World Gas Laser Module Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Gas Laser Module Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Gas Laser Module Producers in 2025

Table 18. World Gas Laser Module Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Gas Laser Module Producers in 2025

Table 20. World Gas Laser Module Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Gas Laser Module Company Evaluation Quadrant

Table 22. World Gas Laser Module Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Gas Laser Module Production Site of Key Manufacturer

Table 24. Gas Laser Module Market: Company Product Type Footprint

Table 25. Gas Laser Module Market: Company Product Application Footprint

- Table 26. Gas Laser Module Competitive Factors
- Table 27. Gas Laser Module New Entrant and Capacity Expansion Plans
- Table 28. Gas Laser Module Mergers & Acquisitions Activity
- Table 29. United States VS China Gas Laser Module Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Gas Laser Module Production Comparison, (2021 & 2025 & 2032) & (K Units)
- Table 31. United States VS China Gas Laser Module Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
- Table 32. United States Based Gas Laser Module Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Gas Laser Module Production Value, (2021-2026) & (USD Million)
- Table 34. United States Based Manufacturers Gas Laser Module Production Value Market Share (2021-2026)
- Table 35. United States Based Manufacturers Gas Laser Module Production (2021-2026) & (K Units)
- Table 36. United States Based Manufacturers Gas Laser Module Production Market Share (2021-2026)
- Table 37. China Based Gas Laser Module Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Gas Laser Module Production Value, (2021-2026) & (USD Million)
- Table 39. China Based Manufacturers Gas Laser Module Production Value Market Share (2021-2026)
- Table 40. China Based Manufacturers Gas Laser Module Production, (2021-2026) & (K Units)
- Table 41. China Based Manufacturers Gas Laser Module Production Market Share (2021-2026)
- Table 42. Rest of World Based Gas Laser Module Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers Gas Laser Module Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers Gas Laser Module Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers Gas Laser Module Production, (2021-2026) & (K Units)
- Table 46. Rest of World Based Manufacturers Gas Laser Module Production Market Share (2021-2026)

Table 47. World Gas Laser Module Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Gas Laser Module Production by Type (2021-2026) & (K Units)

Table 49. World Gas Laser Module Production by Type (2027-2032) & (K Units)

Table 50. World Gas Laser Module Production Value by Type (2021-2026) & (USD Million)

Table 51. World Gas Laser Module Production Value by Type (2027-2032) & (USD Million)

Table 52. World Gas Laser Module Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Gas Laser Module Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Gas Laser Module Production Value by Output Power, (USD Million), 2021 & 2025 & 2032

Table 55. World Gas Laser Module Production by Output Power (2021-2026) & (K Units)

Table 56. World Gas Laser Module Production by Output Power (2027-2032) & (K Units)

Table 57. World Gas Laser Module Production Value by Output Power (2021-2026) & (USD Million)

Table 58. World Gas Laser Module Production Value by Output Power (2027-2032) & (USD Million)

Table 59. World Gas Laser Module Average Price by Output Power (2021-2026) & (US\$/Unit)

Table 60. World Gas Laser Module Average Price by Output Power (2027-2032) & (US\$/Unit)

Table 61. World Gas Laser Module Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Table 62. World Gas Laser Module Production by Cooling Method (2021-2026) & (K Units)

Table 63. World Gas Laser Module Production by Cooling Method (2027-2032) & (K Units)

Table 64. World Gas Laser Module Production Value by Cooling Method (2021-2026) & (USD Million)

Table 65. World Gas Laser Module Production Value by Cooling Method (2027-2032) & (USD Million)

Table 66. World Gas Laser Module Average Price by Cooling Method (2021-2026) & (US\$/Unit)

Table 67. World Gas Laser Module Average Price by Cooling Method (2027-2032) & (US\$/Unit)

Table 68. World Gas Laser Module Production Value by Application, (USD Million),

2021 & 2025 & 2032

Table 69. World Gas Laser Module Production by Application (2021-2026) & (K Units)

Table 70. World Gas Laser Module Production by Application (2027-2032) & (K Units)

Table 71. World Gas Laser Module Production Value by Application (2021-2026) & (USD Million)

Table 72. World Gas Laser Module Production Value by Application (2027-2032) & (USD Million)

Table 73. World Gas Laser Module Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Gas Laser Module Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Sumitomo Electric Basic Information, Manufacturing Base and Competitors

Table 76. Sumitomo Electric Major Business

Table 77. Sumitomo Electric Gas Laser Module Product and Services

Table 78. Sumitomo Electric Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Sumitomo Electric Recent Developments/Updates

Table 80. Sumitomo Electric Competitive Strengths & Weaknesses

Table 81. Coherent Basic Information, Manufacturing Base and Competitors

Table 82. Coherent Major Business

Table 83. Coherent Gas Laser Module Product and Services

Table 84. Coherent Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Coherent Recent Developments/Updates

Table 86. Coherent Competitive Strengths & Weaknesses

Table 87. Laser Components Basic Information, Manufacturing Base and Competitors

Table 88. Laser Components Major Business

Table 89. Laser Components Gas Laser Module Product and Services

Table 90. Laser Components Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Laser Components Recent Developments/Updates

Table 92. Laser Components Competitive Strengths & Weaknesses

Table 93. Newport Corporation Basic Information, Manufacturing Base and Competitors

Table 94. Newport Corporation Major Business

Table 95. Newport Corporation Gas Laser Module Product and Services

Table 96. Newport Corporation Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Newport Corporation Recent Developments/Updates

- Table 98. Newport Corporation Competitive Strengths & Weaknesses
- Table 99. Z-LASER Basic Information, Manufacturing Base and Competitors
- Table 100. Z-LASER Major Business
- Table 101. Z-LASER Gas Laser Module Product and Services
- Table 102. Z-LASER Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Z-LASER Recent Developments/Updates
- Table 104. Z-LASER Competitive Strengths & Weaknesses
- Table 105. Lecc Technology Basic Information, Manufacturing Base and Competitors
- Table 106. Lecc Technology Major Business
- Table 107. Lecc Technology Gas Laser Module Product and Services
- Table 108. Lecc Technology Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Lecc Technology Recent Developments/Updates
- Table 110. Lecc Technology Competitive Strengths & Weaknesses
- Table 111. Lumics Basic Information, Manufacturing Base and Competitors
- Table 112. Lumics Major Business
- Table 113. Lumics Gas Laser Module Product and Services
- Table 114. Lumics Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Lumics Recent Developments/Updates
- Table 116. Lumics Competitive Strengths & Weaknesses
- Table 117. Jenoptik Basic Information, Manufacturing Base and Competitors
- Table 118. Jenoptik Major Business
- Table 119. Jenoptik Gas Laser Module Product and Services
- Table 120. Jenoptik Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Jenoptik Recent Developments/Updates
- Table 122. Jenoptik Competitive Strengths & Weaknesses
- Table 123. Quarton Basic Information, Manufacturing Base and Competitors
- Table 124. Quarton Major Business
- Table 125. Quarton Gas Laser Module Product and Services
- Table 126. Quarton Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Quarton Recent Developments/Updates
- Table 128. Quarton Competitive Strengths & Weaknesses
- Table 129. Laserex Basic Information, Manufacturing Base and Competitors
- Table 130. Laserex Major Business
- Table 131. Laserex Gas Laser Module Product and Services

- Table 132. Laserex Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Laserex Recent Developments/Updates
- Table 134. Laserex Competitive Strengths & Weaknesses
- Table 135. Thorlabs Basic Information, Manufacturing Base and Competitors
- Table 136. Thorlabs Major Business
- Table 137. Thorlabs Gas Laser Module Product and Services
- Table 138. Thorlabs Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. Thorlabs Recent Developments/Updates
- Table 140. Thorlabs Competitive Strengths & Weaknesses
- Table 141. ProPhotonix Basic Information, Manufacturing Base and Competitors
- Table 142. ProPhotonix Major Business
- Table 143. ProPhotonix Gas Laser Module Product and Services
- Table 144. ProPhotonix Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 145. ProPhotonix Recent Developments/Updates
- Table 146. ProPhotonix Competitive Strengths & Weaknesses
- Table 147. Kvant Lasers Basic Information, Manufacturing Base and Competitors
- Table 148. Kvant Lasers Major Business
- Table 149. Kvant Lasers Gas Laser Module Product and Services
- Table 150. Kvant Lasers Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 151. Kvant Lasers Recent Developments/Updates
- Table 152. Kvant Lasers Competitive Strengths & Weaknesses
- Table 153. Roithner Lasertechnik Basic Information, Manufacturing Base and Competitors
- Table 154. Roithner Lasertechnik Major Business
- Table 155. Roithner Lasertechnik Gas Laser Module Product and Services
- Table 156. Roithner Lasertechnik Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 157. Roithner Lasertechnik Recent Developments/Updates
- Table 158. Roithner Lasertechnik Competitive Strengths & Weaknesses
- Table 159. Egismos Basic Information, Manufacturing Base and Competitors
- Table 160. Egismos Major Business
- Table 161. Egismos Gas Laser Module Product and Services
- Table 162. Egismos Gas Laser Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Egismos Recent Developments/Updates

Table 164. Egismos Competitive Strengths & Weaknesses

Table 165. Global Key Players of Gas Laser Module Upstream (Raw Materials)

Table 166. Global Gas Laser Module Typical Customers

Table 167. Gas Laser Module Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Gas Laser Module Picture

Figure 2. World Gas Laser Module Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Gas Laser Module Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Gas Laser Module Production (2021-2032) & (K Units)

Figure 5. World Gas Laser Module Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Gas Laser Module Production Value Market Share by Region (2021-2032)

Figure 7. World Gas Laser Module Production Market Share by Region (2021-2032)

Figure 8. North America Gas Laser Module Production (2021-2032) & (K Units)

Figure 9. Europe Gas Laser Module Production (2021-2032) & (K Units)

Figure 10. China Gas Laser Module Production (2021-2032) & (K Units)

Figure 11. Japan Gas Laser Module Production (2021-2032) & (K Units)

Figure 12. Gas Laser Module Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 15. World Gas Laser Module Consumption Market Share by Region (2021-2032)

Figure 16. United States Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 17. China Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 18. Europe Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 19. Japan Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 20. South Korea Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 22. India Gas Laser Module Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Gas Laser Module by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Gas Laser Module Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Gas Laser Module Markets in 2025

Figure 26. United States VS China: Gas Laser Module Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Gas Laser Module Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Gas Laser Module Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Gas Laser Module Production Market Share 2025

Figure 30. China Based Manufacturers Gas Laser Module Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Gas Laser Module Production Market Share 2025

Figure 32. World Gas Laser Module Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Gas Laser Module Production Value Market Share by Type in 2025

Figure 34. Blue

Figure 35. Red

Figure 36. Green

Figure 37. Infrared

Figure 38. World Gas Laser Module Production Market Share by Type (2021-2032)

Figure 39. World Gas Laser Module Production Value Market Share by Type (2021-2032)

Figure 40. World Gas Laser Module Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Gas Laser Module Production Value by Output Power, (USD Million), 2021 & 2025 & 2032

Figure 42. World Gas Laser Module Production Value Market Share by Output Power in 2025

Figure 43. Low Power Gas Laser Module

Figure 44. Medium Power Gas Laser Module

Figure 45. High Power Gas Laser Module

Figure 46. World Gas Laser Module Production Market Share by Output Power (2021-2032)

Figure 47. World Gas Laser Module Production Value Market Share by Output Power (2021-2032)

Figure 48. World Gas Laser Module Average Price by Output Power (2021-2032) & (US\$/Unit)

Figure 49. World Gas Laser Module Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Figure 50. World Gas Laser Module Production Value Market Share by Cooling Method in 2025

Figure 51. Air-Cooled Laser Module

Figure 52. Water-Cooled Laser Module

Figure 53. Integrated Cooling Module

Figure 54. World Gas Laser Module Production Market Share by Cooling Method (2021-2032)

Figure 55. World Gas Laser Module Production Value Market Share by Cooling Method (2021-2032)

Figure 56. World Gas Laser Module Average Price by Cooling Method (2021-2032) & (US\$/Unit)

Figure 57. World Gas Laser Module Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Gas Laser Module Production Value Market Share by Application in 2025

Figure 59. Industrial

Figure 60. Medical

Figure 61. Military and Defense

Figure 62. Scientific Research

Figure 63. Others

Figure 64. World Gas Laser Module Production Market Share by Application (2021-2032)

Figure 65. World Gas Laser Module Production Value Market Share by Application (2021-2032)

Figure 66. World Gas Laser Module Average Price by Application (2021-2032) & (US\$/Unit)

Figure 67. Gas Laser Module Industry Chain

Figure 68. Gas Laser Module Procurement Model

Figure 69. Gas Laser Module Sales Model

Figure 70. Gas Laser Module Sales Channels, Direct Sales, and Distribution

Figure 71. Methodology

Figure 72. Research Process and Data Source

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