

# Global 405nm Single Frequency Laser Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G752E3C48011EN.html>

Date: June 2023

Pages: 105

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

ID: G752E3C48011EN

## Abstracts

The global 405nm Single Frequency Laser market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

405nm Single Frequency Laser is a laser that emits light at a frequency of 405 nanometers, which belongs to the violet spectral range. This laser has a single-frequency nature, which only emits light waves of a specific frequency, which means that it has extremely high purity and stability of light waves.

This report studies the global 405nm Single Frequency Laser production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 405nm Single Frequency Laser, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of 405nm Single Frequency Laser that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 405nm Single Frequency Laser total production and demand, 2018-2029, (K Units)

Global 405nm Single Frequency Laser total production value, 2018-2029, (USD Million)

Global 405nm Single Frequency Laser production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global 405nm Single Frequency Laser consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: 405nm Single Frequency Laser domestic production, consumption, key domestic manufacturers and share

Global 405nm Single Frequency Laser production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global 405nm Single Frequency Laser production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global 405nm Single Frequency Laser production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global 405nm Single Frequency Laser 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 TOPTICA Photonics AG, Thorlabs, Coherent Inc., H?BNER PHOTONICS, CrystaLaser, NP Photonics, MPB Communications, IPG Photonics and Connet Laser Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 405nm Single Frequency Laser 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global 405nm Single Frequency Laser Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global 405nm Single Frequency Laser Market, Segmentation by Type

Solid Laser

Gas Laser

Semiconductor Laser

#### Global 405nm Single Frequency Laser Market, Segmentation by Application

Biomedical Science

Optical Instruments

Communications

Others

Companies Profiled:

TOPTICA Photonics AG

Thorlabs

Coherent Inc.

H?BNER PHOTONICS

CrystaLaser

NP Photonics

MPB Communications

IPG Photonics

Connet Laser Technology

Nanjing Xinguang Semiconductor Technologies

NKT Photonics

Newport Corporation

CrystaLaser

## Key Questions Answered

1. How big is the global 405nm Single Frequency Laser market?
2. What is the demand of the global 405nm Single Frequency Laser market?
3. What is the year over year growth of the global 405nm Single Frequency Laser market?
4. What is the production and production value of the global 405nm Single Frequency Laser market?

5. Who are the key producers in the global 405nm Single Frequency Laser market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 405nm Single Frequency Laser Introduction
- 1.2 World 405nm Single Frequency Laser Supply & Forecast
  - 1.2.1 World 405nm Single Frequency Laser Production Value (2018 & 2022 & 2029)
  - 1.2.2 World 405nm Single Frequency Laser Production (2018-2029)
  - 1.2.3 World 405nm Single Frequency Laser Pricing Trends (2018-2029)
- 1.3 World 405nm Single Frequency Laser Production by Region (Based on Production Site)
  - 1.3.1 World 405nm Single Frequency Laser Production Value by Region (2018-2029)
  - 1.3.2 World 405nm Single Frequency Laser Production by Region (2018-2029)
  - 1.3.3 World 405nm Single Frequency Laser Average Price by Region (2018-2029)
  - 1.3.4 North America 405nm Single Frequency Laser Production (2018-2029)
  - 1.3.5 Europe 405nm Single Frequency Laser Production (2018-2029)
  - 1.3.6 China 405nm Single Frequency Laser Production (2018-2029)
  - 1.3.7 Japan 405nm Single Frequency Laser Production (2018-2029)
  - 1.3.8 South Korea 405nm Single Frequency Laser Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 405nm Single Frequency Laser Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 405nm Single Frequency Laser Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World 405nm Single Frequency Laser Demand (2018-2029)
- 2.2 World 405nm Single Frequency Laser Consumption by Region
  - 2.2.1 World 405nm Single Frequency Laser Consumption by Region (2018-2023)
  - 2.2.2 World 405nm Single Frequency Laser Consumption Forecast by Region (2024-2029)
- 2.3 United States 405nm Single Frequency Laser Consumption (2018-2029)
- 2.4 China 405nm Single Frequency Laser Consumption (2018-2029)
- 2.5 Europe 405nm Single Frequency Laser Consumption (2018-2029)
- 2.6 Japan 405nm Single Frequency Laser Consumption (2018-2029)
- 2.7 South Korea 405nm Single Frequency Laser Consumption (2018-2029)

2.8 ASEAN 405nm Single Frequency Laser Consumption (2018-2029)

2.9 India 405nm Single Frequency Laser Consumption (2018-2029)

### **3 WORLD 405NM SINGLE FREQUENCY LASER MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World 405nm Single Frequency Laser Production Value by Manufacturer (2018-2023)

3.2 World 405nm Single Frequency Laser Production by Manufacturer (2018-2023)

3.3 World 405nm Single Frequency Laser Average Price by Manufacturer (2018-2023)

3.4 405nm Single Frequency Laser Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global 405nm Single Frequency Laser Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for 405nm Single Frequency Laser in 2022

3.5.3 Global Concentration Ratios (CR8) for 405nm Single Frequency Laser in 2022

3.6 405nm Single Frequency Laser Market: Overall Company Footprint Analysis

3.6.1 405nm Single Frequency Laser Market: Region Footprint

3.6.2 405nm Single Frequency Laser Market: Company Product Type Footprint

3.6.3 405nm Single Frequency Laser 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: 405nm Single Frequency Laser Production Value Comparison

4.1.1 United States VS China: 405nm Single Frequency Laser Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: 405nm Single Frequency Laser Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: 405nm Single Frequency Laser Production Comparison

4.2.1 United States VS China: 405nm Single Frequency Laser Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: 405nm Single Frequency Laser Production Market Share Comparison (2018 & 2022 & 2029)

#### 4.3 United States VS China: 405nm Single Frequency Laser Consumption Comparison

4.3.1 United States VS China: 405nm Single Frequency Laser Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: 405nm Single Frequency Laser Consumption Market Share Comparison (2018 & 2022 & 2029)

#### 4.4 United States Based 405nm Single Frequency Laser Manufacturers and Market Share, 2018-2023

4.4.1 United States Based 405nm Single Frequency Laser Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers 405nm Single Frequency Laser Production Value (2018-2023)

4.4.3 United States Based Manufacturers 405nm Single Frequency Laser Production (2018-2023)

#### 4.5 China Based 405nm Single Frequency Laser Manufacturers and Market Share

4.5.1 China Based 405nm Single Frequency Laser Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers 405nm Single Frequency Laser Production Value (2018-2023)

4.5.3 China Based Manufacturers 405nm Single Frequency Laser Production (2018-2023)

#### 4.6 Rest of World Based 405nm Single Frequency Laser Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based 405nm Single Frequency Laser Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers 405nm Single Frequency Laser Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers 405nm Single Frequency Laser Production (2018-2023)

## 5 MARKET ANALYSIS BY TYPE

5.1 World 405nm Single Frequency Laser Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Solid Laser

5.2.2 Gas Laser

5.2.3 Semiconductor Laser

5.3 Market Segment by Type

5.3.1 World 405nm Single Frequency Laser Production by Type (2018-2029)



5.3.2 World 405nm Single Frequency Laser Production Value by Type (2018-2029)

5.3.3 World 405nm Single Frequency Laser Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World 405nm Single Frequency Laser Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Biomedical Science

6.2.2 Optical Instruments

6.2.3 Communications

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World 405nm Single Frequency Laser Production by Application (2018-2029)

6.3.2 World 405nm Single Frequency Laser Production Value by Application (2018-2029)

6.3.3 World 405nm Single Frequency Laser Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 TOPTICA Photonics AG

7.1.1 TOPTICA Photonics AG Details

7.1.2 TOPTICA Photonics AG Major Business

7.1.3 TOPTICA Photonics AG 405nm Single Frequency Laser Product and Services

7.1.4 TOPTICA Photonics AG 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 TOPTICA Photonics AG Recent Developments/Updates

7.1.6 TOPTICA Photonics AG Competitive Strengths & Weaknesses

7.2 Thorlabs

7.2.1 Thorlabs Details

7.2.2 Thorlabs Major Business

7.2.3 Thorlabs 405nm Single Frequency Laser Product and Services

7.2.4 Thorlabs 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Thorlabs Recent Developments/Updates

7.2.6 Thorlabs Competitive Strengths & Weaknesses

7.3 Coherent Inc.

7.3.1 Coherent Inc. Details

7.3.2 Coherent Inc. Major Business

- 7.3.3 Coherent Inc. 405nm Single Frequency Laser Product and Services
- 7.3.4 Coherent Inc. 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Coherent Inc. Recent Developments/Updates
- 7.3.6 Coherent Inc. Competitive Strengths & Weaknesses
- 7.4 H?BNER PHOTONICS
  - 7.4.1 H?BNER PHOTONICS Details
  - 7.4.2 H?BNER PHOTONICS Major Business
  - 7.4.3 H?BNER PHOTONICS 405nm Single Frequency Laser Product and Services
  - 7.4.4 H?BNER PHOTONICS 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 H?BNER PHOTONICS Recent Developments/Updates
  - 7.4.6 H?BNER PHOTONICS Competitive Strengths & Weaknesses
- 7.5 CrystaLaser
  - 7.5.1 CrystaLaser Details
  - 7.5.2 CrystaLaser Major Business
  - 7.5.3 CrystaLaser 405nm Single Frequency Laser Product and Services
  - 7.5.4 CrystaLaser 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 CrystaLaser Recent Developments/Updates
  - 7.5.6 CrystaLaser Competitive Strengths & Weaknesses
- 7.6 NP Photonics
  - 7.6.1 NP Photonics Details
  - 7.6.2 NP Photonics Major Business
  - 7.6.3 NP Photonics 405nm Single Frequency Laser Product and Services
  - 7.6.4 NP Photonics 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 NP Photonics Recent Developments/Updates
  - 7.6.6 NP Photonics Competitive Strengths & Weaknesses
- 7.7 MPB Communications
  - 7.7.1 MPB Communications Details
  - 7.7.2 MPB Communications Major Business
  - 7.7.3 MPB Communications 405nm Single Frequency Laser Product and Services
  - 7.7.4 MPB Communications 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 MPB Communications Recent Developments/Updates
  - 7.7.6 MPB Communications Competitive Strengths & Weaknesses
- 7.8 IPG Photonics
  - 7.8.1 IPG Photonics Details

- 7.8.2 IPG Photonics Major Business
- 7.8.3 IPG Photonics 405nm Single Frequency Laser Product and Services
- 7.8.4 IPG Photonics 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 IPG Photonics Recent Developments/Updates
- 7.8.6 IPG Photonics Competitive Strengths & Weaknesses
- 7.9 Connet Laser Technology
  - 7.9.1 Connet Laser Technology Details
  - 7.9.2 Connet Laser Technology Major Business
  - 7.9.3 Connet Laser Technology 405nm Single Frequency Laser Product and Services
  - 7.9.4 Connet Laser Technology 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Connet Laser Technology Recent Developments/Updates
  - 7.9.6 Connet Laser Technology Competitive Strengths & Weaknesses
- 7.10 Nanjing Xinguang Semiconductor Technologies
  - 7.10.1 Nanjing Xinguang Semiconductor Technologies Details
  - 7.10.2 Nanjing Xinguang Semiconductor Technologies Major Business
  - 7.10.3 Nanjing Xinguang Semiconductor Technologies 405nm Single Frequency Laser Product and Services
  - 7.10.4 Nanjing Xinguang Semiconductor Technologies 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Nanjing Xinguang Semiconductor Technologies Recent Developments/Updates
  - 7.10.6 Nanjing Xinguang Semiconductor Technologies Competitive Strengths & Weaknesses
- 7.11 NKT Photonics
  - 7.11.1 NKT Photonics Details
  - 7.11.2 NKT Photonics Major Business
  - 7.11.3 NKT Photonics 405nm Single Frequency Laser Product and Services
  - 7.11.4 NKT Photonics 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 NKT Photonics Recent Developments/Updates
  - 7.11.6 NKT Photonics Competitive Strengths & Weaknesses
- 7.12 Newport Corporation
  - 7.12.1 Newport Corporation Details
  - 7.12.2 Newport Corporation Major Business
  - 7.12.3 Newport Corporation 405nm Single Frequency Laser Product and Services
  - 7.12.4 Newport Corporation 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Newport Corporation Recent Developments/Updates

- 7.12.6 Newport Corporation Competitive Strengths & Weaknesses
- 7.13 CrystaLaser
  - 7.13.1 CrystaLaser Details
  - 7.13.2 CrystaLaser Major Business
  - 7.13.3 CrystaLaser 405nm Single Frequency Laser Product and Services
  - 7.13.4 CrystaLaser 405nm Single Frequency Laser Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.13.5 CrystaLaser Recent Developments/Updates
  - 7.13.6 CrystaLaser Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 405nm Single Frequency Laser Industry Chain
- 8.2 405nm Single Frequency Laser Upstream Analysis
  - 8.2.1 405nm Single Frequency Laser Core Raw Materials
  - 8.2.2 Main Manufacturers of 405nm Single Frequency Laser Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 405nm Single Frequency Laser Production Mode
- 8.6 405nm Single Frequency Laser Procurement Model
- 8.7 405nm Single Frequency Laser Industry Sales Model and Sales Channels
  - 8.7.1 405nm Single Frequency Laser Sales Model
  - 8.7.2 405nm Single Frequency Laser 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 405nm Single Frequency Laser Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World 405nm Single Frequency Laser Production Value by Region (2018-2023) & (USD Million)

Table 3. World 405nm Single Frequency Laser Production Value by Region (2024-2029) & (USD Million)

Table 4. World 405nm Single Frequency Laser Production Value Market Share by Region (2018-2023)

Table 5. World 405nm Single Frequency Laser Production Value Market Share by Region (2024-2029)

Table 6. World 405nm Single Frequency Laser Production by Region (2018-2023) & (K Units)

Table 7. World 405nm Single Frequency Laser Production by Region (2024-2029) & (K Units)

Table 8. World 405nm Single Frequency Laser Production Market Share by Region (2018-2023)

Table 9. World 405nm Single Frequency Laser Production Market Share by Region (2024-2029)

Table 10. World 405nm Single Frequency Laser Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World 405nm Single Frequency Laser Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. 405nm Single Frequency Laser Major Market Trends

Table 13. World 405nm Single Frequency Laser Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World 405nm Single Frequency Laser Consumption by Region (2018-2023) & (K Units)

Table 15. World 405nm Single Frequency Laser Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World 405nm Single Frequency Laser Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key 405nm Single Frequency Laser Producers in 2022

Table 18. World 405nm Single Frequency Laser Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key 405nm Single Frequency Laser Producers in 2022

Table 20. World 405nm Single Frequency Laser Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global 405nm Single Frequency Laser Company Evaluation Quadrant

Table 22. World 405nm Single Frequency Laser Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and 405nm Single Frequency Laser Production Site of Key Manufacturer

Table 24. 405nm Single Frequency Laser Market: Company Product Type Footprint

Table 25. 405nm Single Frequency Laser Market: Company Product Application Footprint

Table 26. 405nm Single Frequency Laser Competitive Factors

Table 27. 405nm Single Frequency Laser New Entrant and Capacity Expansion Plans

Table 28. 405nm Single Frequency Laser Mergers & Acquisitions Activity

Table 29. United States VS China 405nm Single Frequency Laser Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China 405nm Single Frequency Laser Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China 405nm Single Frequency Laser Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based 405nm Single Frequency Laser Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers 405nm Single Frequency Laser Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers 405nm Single Frequency Laser Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers 405nm Single Frequency Laser Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers 405nm Single Frequency Laser Production Market Share (2018-2023)

Table 37. China Based 405nm Single Frequency Laser Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers 405nm Single Frequency Laser Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers 405nm Single Frequency Laser Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers 405nm Single Frequency Laser Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers 405nm Single Frequency Laser Production Market Share (2018-2023)

Table 42. Rest of World Based 405nm Single Frequency Laser Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers 405nm Single Frequency Laser Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers 405nm Single Frequency Laser Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers 405nm Single Frequency Laser Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers 405nm Single Frequency Laser Production Market Share (2018-2023)

Table 47. World 405nm Single Frequency Laser Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World 405nm Single Frequency Laser Production by Type (2018-2023) & (K Units)

Table 49. World 405nm Single Frequency Laser Production by Type (2024-2029) & (K Units)

Table 50. World 405nm Single Frequency Laser Production Value by Type (2018-2023) & (USD Million)

Table 51. World 405nm Single Frequency Laser Production Value by Type (2024-2029) & (USD Million)

Table 52. World 405nm Single Frequency Laser Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World 405nm Single Frequency Laser Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World 405nm Single Frequency Laser Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World 405nm Single Frequency Laser Production by Application (2018-2023) & (K Units)

Table 56. World 405nm Single Frequency Laser Production by Application (2024-2029) & (K Units)

Table 57. World 405nm Single Frequency Laser Production Value by Application (2018-2023) & (USD Million)

Table 58. World 405nm Single Frequency Laser Production Value by Application (2024-2029) & (USD Million)

Table 59. World 405nm Single Frequency Laser Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World 405nm Single Frequency Laser Average Price by Application

(2024-2029) & (US\$/Unit)

Table 61. TOPTICA Photonics AG Basic Information, Manufacturing Base and Competitors

Table 62. TOPTICA Photonics AG Major Business

Table 63. TOPTICA Photonics AG 405nm Single Frequency Laser Product and Services

Table 64. TOPTICA Photonics AG 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. TOPTICA Photonics AG Recent Developments/Updates

Table 66. TOPTICA Photonics AG Competitive Strengths & Weaknesses

Table 67. Thorlabs Basic Information, Manufacturing Base and Competitors

Table 68. Thorlabs Major Business

Table 69. Thorlabs 405nm Single Frequency Laser Product and Services

Table 70. Thorlabs 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Thorlabs Recent Developments/Updates

Table 72. Thorlabs Competitive Strengths & Weaknesses

Table 73. Coherent Inc. Basic Information, Manufacturing Base and Competitors

Table 74. Coherent Inc. Major Business

Table 75. Coherent Inc. 405nm Single Frequency Laser Product and Services

Table 76. Coherent Inc. 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Coherent Inc. Recent Developments/Updates

Table 78. Coherent Inc. Competitive Strengths & Weaknesses

Table 79. H?BNER PHOTONICS Basic Information, Manufacturing Base and Competitors

Table 80. H?BNER PHOTONICS Major Business

Table 81. H?BNER PHOTONICS 405nm Single Frequency Laser Product and Services

Table 82. H?BNER PHOTONICS 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. H?BNER PHOTONICS Recent Developments/Updates

Table 84. H?BNER PHOTONICS Competitive Strengths & Weaknesses

Table 85. CrystaLaser Basic Information, Manufacturing Base and Competitors

Table 86. CrystaLaser Major Business

Table 87. CrystaLaser 405nm Single Frequency Laser Product and Services



Table 88. CrystaLaser 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. CrystaLaser Recent Developments/Updates

Table 90. CrystaLaser Competitive Strengths & Weaknesses

Table 91. NP Photonics Basic Information, Manufacturing Base and Competitors

Table 92. NP Photonics Major Business

Table 93. NP Photonics 405nm Single Frequency Laser Product and Services

Table 94. NP Photonics 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. NP Photonics Recent Developments/Updates

Table 96. NP Photonics Competitive Strengths & Weaknesses

Table 97. MPB Communications Basic Information, Manufacturing Base and Competitors

Table 98. MPB Communications Major Business

Table 99. MPB Communications 405nm Single Frequency Laser Product and Services

Table 100. MPB Communications 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. MPB Communications Recent Developments/Updates

Table 102. MPB Communications Competitive Strengths & Weaknesses

Table 103. IPG Photonics Basic Information, Manufacturing Base and Competitors

Table 104. IPG Photonics Major Business

Table 105. IPG Photonics 405nm Single Frequency Laser Product and Services

Table 106. IPG Photonics 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. IPG Photonics Recent Developments/Updates

Table 108. IPG Photonics Competitive Strengths & Weaknesses

Table 109. Connet Laser Technology Basic Information, Manufacturing Base and Competitors

Table 110. Connet Laser Technology Major Business

Table 111. Connet Laser Technology 405nm Single Frequency Laser Product and Services

Table 112. Connet Laser Technology 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Connet Laser Technology Recent Developments/Updates

- Table 114. Connet Laser Technology Competitive Strengths & Weaknesses
- Table 115. Nanjing Xinguang Semiconductor Technologies Basic Information, Manufacturing Base and Competitors
- Table 116. Nanjing Xinguang Semiconductor Technologies Major Business
- Table 117. Nanjing Xinguang Semiconductor Technologies 405nm Single Frequency Laser Product and Services
- Table 118. Nanjing Xinguang Semiconductor Technologies 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Nanjing Xinguang Semiconductor Technologies Recent Developments/Updates
- Table 120. Nanjing Xinguang Semiconductor Technologies Competitive Strengths & Weaknesses
- Table 121. NKT Photonics Basic Information, Manufacturing Base and Competitors
- Table 122. NKT Photonics Major Business
- Table 123. NKT Photonics 405nm Single Frequency Laser Product and Services
- Table 124. NKT Photonics 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. NKT Photonics Recent Developments/Updates
- Table 126. NKT Photonics Competitive Strengths & Weaknesses
- Table 127. Newport Corporation Basic Information, Manufacturing Base and Competitors
- Table 128. Newport Corporation Major Business
- Table 129. Newport Corporation 405nm Single Frequency Laser Product and Services
- Table 130. Newport Corporation 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Newport Corporation Recent Developments/Updates
- Table 132. CrystaLaser Basic Information, Manufacturing Base and Competitors
- Table 133. CrystaLaser Major Business
- Table 134. CrystaLaser 405nm Single Frequency Laser Product and Services
- Table 135. CrystaLaser 405nm Single Frequency Laser Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 136. Global Key Players of 405nm Single Frequency Laser Upstream (Raw Materials)
- Table 137. 405nm Single Frequency Laser Typical Customers
- Table 138. 405nm Single Frequency Laser Typical Distributors



## List Of Figures

### LIST OF FIGURES

Figure 1. 405nm Single Frequency Laser Picture

Figure 2. World 405nm Single Frequency Laser Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World 405nm Single Frequency Laser Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World 405nm Single Frequency Laser Production (2018-2029) & (K Units)

Figure 5. World 405nm Single Frequency Laser Average Price (2018-2029) & (US\$/Unit)

Figure 6. World 405nm Single Frequency Laser Production Value Market Share by Region (2018-2029)

Figure 7. World 405nm Single Frequency Laser Production Market Share by Region (2018-2029)

Figure 8. North America 405nm Single Frequency Laser Production (2018-2029) & (K Units)

Figure 9. Europe 405nm Single Frequency Laser Production (2018-2029) & (K Units)

Figure 10. China 405nm Single Frequency Laser Production (2018-2029) & (K Units)

Figure 11. Japan 405nm Single Frequency Laser Production (2018-2029) & (K Units)

Figure 12. South Korea 405nm Single Frequency Laser Production (2018-2029) & (K Units)

Figure 13. 405nm Single Frequency Laser Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 16. World 405nm Single Frequency Laser Consumption Market Share by Region (2018-2029)

Figure 17. United States 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 18. China 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 19. Europe 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 20. Japan 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 21. South Korea 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 22. ASEAN 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 23. India 405nm Single Frequency Laser Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of 405nm Single Frequency Laser by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for 405nm Single Frequency Laser Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for 405nm Single Frequency Laser Markets in 2022

Figure 27. United States VS China: 405nm Single Frequency Laser Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: 405nm Single Frequency Laser Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: 405nm Single Frequency Laser Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers 405nm Single Frequency Laser Production Market Share 2022

Figure 31. China Based Manufacturers 405nm Single Frequency Laser Production Market Share 2022

Figure 32. Rest of World Based Manufacturers 405nm Single Frequency Laser Production Market Share 2022

Figure 33. World 405nm Single Frequency Laser Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World 405nm Single Frequency Laser Production Value Market Share by Type in 2022

Figure 35. Solid Laser

Figure 36. Gas Laser

Figure 37. Semiconductor Laser

Figure 38. World 405nm Single Frequency Laser Production Market Share by Type (2018-2029)

Figure 39. World 405nm Single Frequency Laser Production Value Market Share by Type (2018-2029)

Figure 40. World 405nm Single Frequency Laser Average Price by Type (2018-2029) & (US\$/Unit)

Figure 41. World 405nm Single Frequency Laser Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World 405nm Single Frequency Laser Production Value Market Share by Application in 2022

Figure 43. Biomedical Science

Figure 44. Optical Instruments

Figure 45. Communications

Figure 46. Others

Figure 47. World 405nm Single Frequency Laser Production Market Share by Application (2018-2029)

Figure 48. World 405nm Single Frequency Laser Production Value Market Share by Application (2018-2029)

Figure 49. World 405nm Single Frequency Laser Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. 405nm Single Frequency Laser Industry Chain

Figure 51. 405nm Single Frequency Laser Procurement Model

Figure 52. 405nm Single Frequency Laser Sales Model

Figure 53. 405nm Single Frequency Laser Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global 405nm Single Frequency Laser Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G752E3C48011EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G752E3C48011EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970