

Global Nd:YAG Laser Crystal Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GD193ED1ADECEN.html>

Date: May 2023

Pages: 109

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

ID: GD193ED1ADECEN

Abstracts

The global Nd:YAG Laser Crystal market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Neodymium-doped yttrium aluminum garnet (Nd:YAG) laser crystal is a common solid-state laser material used in laser amplifiers and resonators of lasers. It is a synthetic crystal made of yttrium aluminum garnet (YAG) crystal doped with a small amount of neodymium ions (Nd³⁺). Nd:YAG laser crystal has good optical and thermal properties, so it has been widely used in the field of laser technology. Nd:YAG laser can generate infrared laser with a wavelength of 1.064 microns, which has high energy conversion efficiency and short pulse width, and is suitable for many applications, including medical beauty, medical equipment, laser cutting, laser marking, laser welding, Laser ranging, laser communication, etc. Nd:YAG laser crystals usually exist in the form of rods or flakes, which can transmit light energy into the crystal by optical pumping, excite the transition of neodymium ions, and produce a laser amplification effect. Nd-doped yttrium aluminum garnet laser crystals are usually used together with other optical components (such as lenses, output couplers, etc.) in lasers to build a complete laser system and achieve specific laser output requirements.

This report studies the global Nd:YAG Laser Crystal production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Nd:YAG Laser Crystal, 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 Nd:YAG Laser Crystal that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Nd:YAG Laser Crystal total production and demand, 2018-2029, (K Units)

Global Nd:YAG Laser Crystal total production value, 2018-2029, (USD Million)

Global Nd:YAG Laser Crystal production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Nd:YAG Laser Crystal consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Nd:YAG Laser Crystal domestic production, consumption, key domestic manufacturers and share

Global Nd:YAG Laser Crystal production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Nd:YAG Laser Crystal production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Nd:YAG Laser Crystal production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Nd:YAG Laser Crystal 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 EKSMO Optics, ALPHALAS GmbH, Scientific Materials, Laser Materials Corporation, Northrop Grumman SYNOPTICS, WISOPTIC, FOCTEK, Fuzhou Laserstates Electronics Co., Ltd. and CASTECH, Inc, 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 Nd:YAG Laser Crystal 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 Nd:YAG Laser Crystal Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Nd:YAG Laser Crystal Market, Segmentation by Type

Rod

Flaky

Lumpy

Other

Global Nd:YAG Laser Crystal Market, Segmentation by Application

Laser Beauty

Laser Ranging

Laser Marking

Other

Companies Profiled:

EKSMA Optics

ALPHALAS GmbH

Scientific Materials

Laser Materials Corporation

Northrop Grumman SYNOPTICS

WISOPTIC

FOCTEK

Fuzhou Laserstates Electronics Co., Ltd.

CASTECH, Inc

Crystik Co., Ltd

Union Optic

CRYLiNK

HG Optronics.,INC

Fujian Dayoptics Inc

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

- 1.1 Nd:YAG Laser Crystal Introduction
- 1.2 World Nd:YAG Laser Crystal Supply & Forecast
 - 1.2.1 World Nd:YAG Laser Crystal Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Nd:YAG Laser Crystal Production (2018-2029)
 - 1.2.3 World Nd:YAG Laser Crystal Pricing Trends (2018-2029)
- 1.3 World Nd:YAG Laser Crystal Production by Region (Based on Production Site)
 - 1.3.1 World Nd:YAG Laser Crystal Production Value by Region (2018-2029)
 - 1.3.2 World Nd:YAG Laser Crystal Production by Region (2018-2029)
 - 1.3.3 World Nd:YAG Laser Crystal Average Price by Region (2018-2029)
 - 1.3.4 North America Nd:YAG Laser Crystal Production (2018-2029)
 - 1.3.5 Europe Nd:YAG Laser Crystal Production (2018-2029)
 - 1.3.6 China Nd:YAG Laser Crystal Production (2018-2029)
 - 1.3.7 Japan Nd:YAG Laser Crystal Production (2018-2029)
 - 1.3.8 South Korea Nd:YAG Laser Crystal Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Nd:YAG Laser Crystal Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Nd:YAG Laser Crystal 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 Nd:YAG Laser Crystal Demand (2018-2029)
- 2.2 World Nd:YAG Laser Crystal Consumption by Region
 - 2.2.1 World Nd:YAG Laser Crystal Consumption by Region (2018-2023)
 - 2.2.2 World Nd:YAG Laser Crystal Consumption Forecast by Region (2024-2029)
- 2.3 United States Nd:YAG Laser Crystal Consumption (2018-2029)
- 2.4 China Nd:YAG Laser Crystal Consumption (2018-2029)
- 2.5 Europe Nd:YAG Laser Crystal Consumption (2018-2029)
- 2.6 Japan Nd:YAG Laser Crystal Consumption (2018-2029)
- 2.7 South Korea Nd:YAG Laser Crystal Consumption (2018-2029)
- 2.8 ASEAN Nd:YAG Laser Crystal Consumption (2018-2029)
- 2.9 India Nd:YAG Laser Crystal Consumption (2018-2029)

3 WORLD Nd:YAG LASER CRYSTAL MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Nd:YAG Laser Crystal Production Value by Manufacturer (2018-2023)
- 3.2 World Nd:YAG Laser Crystal Production by Manufacturer (2018-2023)
- 3.3 World Nd:YAG Laser Crystal Average Price by Manufacturer (2018-2023)
- 3.4 Nd:YAG Laser Crystal Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Nd:YAG Laser Crystal Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Nd:YAG Laser Crystal in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Nd:YAG Laser Crystal in 2022
- 3.6 Nd:YAG Laser Crystal Market: Overall Company Footprint Analysis
 - 3.6.1 Nd:YAG Laser Crystal Market: Region Footprint
 - 3.6.2 Nd:YAG Laser Crystal Market: Company Product Type Footprint
 - 3.6.3 Nd:YAG Laser Crystal 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: Nd:YAG Laser Crystal Production Value Comparison
 - 4.1.1 United States VS China: Nd:YAG Laser Crystal Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Nd:YAG Laser Crystal Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Nd:YAG Laser Crystal Production Comparison
 - 4.2.1 United States VS China: Nd:YAG Laser Crystal Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Nd:YAG Laser Crystal Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Nd:YAG Laser Crystal Consumption Comparison
 - 4.3.1 United States VS China: Nd:YAG Laser Crystal Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Nd:YAG Laser Crystal Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based Nd:YAG Laser Crystal Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Nd:YAG Laser Crystal Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Nd:YAG Laser Crystal Production Value (2018-2023)

4.4.3 United States Based Manufacturers Nd:YAG Laser Crystal Production (2018-2023)

4.5 China Based Nd:YAG Laser Crystal Manufacturers and Market Share

4.5.1 China Based Nd:YAG Laser Crystal Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Nd:YAG Laser Crystal Production Value (2018-2023)

4.5.3 China Based Manufacturers Nd:YAG Laser Crystal Production (2018-2023)

4.6 Rest of World Based Nd:YAG Laser Crystal Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Nd:YAG Laser Crystal Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Nd:YAG Laser Crystal Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Nd:YAG Laser Crystal Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Nd:YAG Laser Crystal Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Rod

5.2.2 Flaky

5.2.3 Lumpy

5.2.4 Other

5.3 Market Segment by Type

5.3.1 World Nd:YAG Laser Crystal Production by Type (2018-2029)

5.3.2 World Nd:YAG Laser Crystal Production Value by Type (2018-2029)

5.3.3 World Nd:YAG Laser Crystal Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Nd:YAG Laser Crystal Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Laser Beauty

6.2.2 Laser Ranging

6.2.3 Laser Marking

6.2.4 Other

6.3 Market Segment by Application

6.3.1 World Nd:YAG Laser Crystal Production by Application (2018-2029)

6.3.2 World Nd:YAG Laser Crystal Production Value by Application (2018-2029)

6.3.3 World Nd:YAG Laser Crystal Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 EKSMA Optics

7.1.1 EKSMA Optics Details

7.1.2 EKSMA Optics Major Business

7.1.3 EKSMA Optics Nd:YAG Laser Crystal Product and Services

7.1.4 EKSMA Optics Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 EKSMA Optics Recent Developments/Updates

7.1.6 EKSMA Optics Competitive Strengths & Weaknesses

7.2 ALPHALAS GmbH

7.2.1 ALPHALAS GmbH Details

7.2.2 ALPHALAS GmbH Major Business

7.2.3 ALPHALAS GmbH Nd:YAG Laser Crystal Product and Services

7.2.4 ALPHALAS GmbH Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 ALPHALAS GmbH Recent Developments/Updates

7.2.6 ALPHALAS GmbH Competitive Strengths & Weaknesses

7.3 Scientific Materials

7.3.1 Scientific Materials Details

7.3.2 Scientific Materials Major Business

7.3.3 Scientific Materials Nd:YAG Laser Crystal Product and Services

7.3.4 Scientific Materials Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Scientific Materials Recent Developments/Updates

7.3.6 Scientific Materials Competitive Strengths & Weaknesses

7.4 Laser Materials Corporation

7.4.1 Laser Materials Corporation Details

7.4.2 Laser Materials Corporation Major Business

7.4.3 Laser Materials Corporation Nd:YAG Laser Crystal Product and Services

7.4.4 Laser Materials Corporation Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Laser Materials Corporation Recent Developments/Updates

7.4.6 Laser Materials Corporation Competitive Strengths & Weaknesses

7.5 Northrop Grumman SYNOPTICS

7.5.1 Northrop Grumman SYNOPTICS Details

7.5.2 Northrop Grumman SYNOPTICS Major Business

7.5.3 Northrop Grumman SYNOPTICS Nd:YAG Laser Crystal Product and Services

7.5.4 Northrop Grumman SYNOPTICS Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Northrop Grumman SYNOPTICS Recent Developments/Updates

7.5.6 Northrop Grumman SYNOPTICS Competitive Strengths & Weaknesses

7.6 WISOPTIC

7.6.1 WISOPTIC Details

7.6.2 WISOPTIC Major Business

7.6.3 WISOPTIC Nd:YAG Laser Crystal Product and Services

7.6.4 WISOPTIC Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 WISOPTIC Recent Developments/Updates

7.6.6 WISOPTIC Competitive Strengths & Weaknesses

7.7 FOCTEK

7.7.1 FOCTEK Details

7.7.2 FOCTEK Major Business

7.7.3 FOCTEK Nd:YAG Laser Crystal Product and Services

7.7.4 FOCTEK Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 FOCTEK Recent Developments/Updates

7.7.6 FOCTEK Competitive Strengths & Weaknesses

7.8 Fuzhou Laserstates Electronics Co., Ltd.

7.8.1 Fuzhou Laserstates Electronics Co., Ltd. Details

7.8.2 Fuzhou Laserstates Electronics Co., Ltd. Major Business

7.8.3 Fuzhou Laserstates Electronics Co., Ltd. Nd:YAG Laser Crystal Product and Services

7.8.4 Fuzhou Laserstates Electronics Co., Ltd. Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.8.5 Fuzhou Laserstates Electronics Co., Ltd. Recent Developments/Updates
- 7.8.6 Fuzhou Laserstates Electronics Co., Ltd. Competitive Strengths & Weaknesses
- 7.9 CASTECH, Inc
 - 7.9.1 CASTECH, Inc Details
 - 7.9.2 CASTECH, Inc Major Business
 - 7.9.3 CASTECH, Inc Nd:YAG Laser Crystal Product and Services
 - 7.9.4 CASTECH, Inc Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 CASTECH, Inc Recent Developments/Updates
 - 7.9.6 CASTECH, Inc Competitive Strengths & Weaknesses
- 7.10 Crystik Co., Ltd
 - 7.10.1 Crystik Co., Ltd Details
 - 7.10.2 Crystik Co., Ltd Major Business
 - 7.10.3 Crystik Co., Ltd Nd:YAG Laser Crystal Product and Services
 - 7.10.4 Crystik Co., Ltd Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Crystik Co., Ltd Recent Developments/Updates
 - 7.10.6 Crystik Co., Ltd Competitive Strengths & Weaknesses
- 7.11 Union Optic
 - 7.11.1 Union Optic Details
 - 7.11.2 Union Optic Major Business
 - 7.11.3 Union Optic Nd:YAG Laser Crystal Product and Services
 - 7.11.4 Union Optic Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Union Optic Recent Developments/Updates
 - 7.11.6 Union Optic Competitive Strengths & Weaknesses
- 7.12 CRYLiNK
 - 7.12.1 CRYLiNK Details
 - 7.12.2 CRYLiNK Major Business
 - 7.12.3 CRYLiNK Nd:YAG Laser Crystal Product and Services
 - 7.12.4 CRYLiNK Nd:YAG Laser Crystal Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 CRYLiNK Recent Developments/Updates
 - 7.12.6 CRYLiNK Competitive Strengths & Weaknesses
- 7.13 HG Optronics.,INC
 - 7.13.1 HG Optronics.,INC Details
 - 7.13.2 HG Optronics.,INC Major Business
 - 7.13.3 HG Optronics.,INC Nd:YAG Laser Crystal Product and Services
 - 7.13.4 HG Optronics.,INC Nd:YAG Laser Crystal Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.13.5 HG Optronics.,INC Recent Developments/Updates

7.13.6 HG Optronics.,INC Competitive Strengths & Weaknesses

7.14 Fujian Dayoptics Inc

7.14.1 Fujian Dayoptics Inc Details

7.14.2 Fujian Dayoptics Inc Major Business

7.14.3 Fujian Dayoptics Inc Nd:YAG Laser Crystal Product and Services

7.14.4 Fujian Dayoptics Inc Nd:YAG Laser Crystal Production, Price, Value, Gross

Margin and Market Share (2018-2023)

7.14.5 Fujian Dayoptics Inc Recent Developments/Updates

7.14.6 Fujian Dayoptics Inc Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Nd:YAG Laser Crystal Industry Chain

8.2 Nd:YAG Laser Crystal Upstream Analysis

8.2.1 Nd:YAG Laser Crystal Core Raw Materials

8.2.2 Main Manufacturers of Nd:YAG Laser Crystal Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Nd:YAG Laser Crystal Production Mode

8.6 Nd:YAG Laser Crystal Procurement Model

8.7 Nd:YAG Laser Crystal Industry Sales Model and Sales Channels

8.7.1 Nd:YAG Laser Crystal Sales Model

8.7.2 Nd:YAG Laser Crystal 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 Nd:YAG Laser Crystal Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Nd:YAG Laser Crystal Production Value by Region (2018-2023) & (USD Million)

Table 3. World Nd:YAG Laser Crystal Production Value by Region (2024-2029) & (USD Million)

Table 4. World Nd:YAG Laser Crystal Production Value Market Share by Region (2018-2023)

Table 5. World Nd:YAG Laser Crystal Production Value Market Share by Region (2024-2029)

Table 6. World Nd:YAG Laser Crystal Production by Region (2018-2023) & (K Units)

Table 7. World Nd:YAG Laser Crystal Production by Region (2024-2029) & (K Units)

Table 8. World Nd:YAG Laser Crystal Production Market Share by Region (2018-2023)

Table 9. World Nd:YAG Laser Crystal Production Market Share by Region (2024-2029)

Table 10. World Nd:YAG Laser Crystal Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Nd:YAG Laser Crystal Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Nd:YAG Laser Crystal Major Market Trends

Table 13. World Nd:YAG Laser Crystal Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Nd:YAG Laser Crystal Consumption by Region (2018-2023) & (K Units)

Table 15. World Nd:YAG Laser Crystal Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Nd:YAG Laser Crystal Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Nd:YAG Laser Crystal Producers in 2022

Table 18. World Nd:YAG Laser Crystal Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Nd:YAG Laser Crystal Producers in 2022

Table 20. World Nd:YAG Laser Crystal Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Nd:YAG Laser Crystal Company Evaluation Quadrant

Table 22. World Nd:YAG Laser Crystal Industry Rank of Major Manufacturers, Based on

Production Value in 2022

Table 23. Head Office and Nd:YAG Laser Crystal Production Site of Key Manufacturer

Table 24. Nd:YAG Laser Crystal Market: Company Product Type Footprint

Table 25. Nd:YAG Laser Crystal Market: Company Product Application Footprint

Table 26. Nd:YAG Laser Crystal Competitive Factors

Table 27. Nd:YAG Laser Crystal New Entrant and Capacity Expansion Plans

Table 28. Nd:YAG Laser Crystal Mergers & Acquisitions Activity

Table 29. United States VS China Nd:YAG Laser Crystal Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Nd:YAG Laser Crystal Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Nd:YAG Laser Crystal Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Nd:YAG Laser Crystal Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Nd:YAG Laser Crystal Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Nd:YAG Laser Crystal Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Nd:YAG Laser Crystal Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Nd:YAG Laser Crystal Production Market Share (2018-2023)

Table 37. China Based Nd:YAG Laser Crystal Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Nd:YAG Laser Crystal Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Nd:YAG Laser Crystal Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Nd:YAG Laser Crystal Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Nd:YAG Laser Crystal Production Market Share (2018-2023)

Table 42. Rest of World Based Nd:YAG Laser Crystal Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Nd:YAG Laser Crystal Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Nd:YAG Laser Crystal Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Nd:YAG Laser Crystal Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Nd:YAG Laser Crystal Production Market Share (2018-2023)

Table 47. World Nd:YAG Laser Crystal Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Nd:YAG Laser Crystal Production by Type (2018-2023) & (K Units)

Table 49. World Nd:YAG Laser Crystal Production by Type (2024-2029) & (K Units)

Table 50. World Nd:YAG Laser Crystal Production Value by Type (2018-2023) & (USD Million)

Table 51. World Nd:YAG Laser Crystal Production Value by Type (2024-2029) & (USD Million)

Table 52. World Nd:YAG Laser Crystal Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Nd:YAG Laser Crystal Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Nd:YAG Laser Crystal Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Nd:YAG Laser Crystal Production by Application (2018-2023) & (K Units)

Table 56. World Nd:YAG Laser Crystal Production by Application (2024-2029) & (K Units)

Table 57. World Nd:YAG Laser Crystal Production Value by Application (2018-2023) & (USD Million)

Table 58. World Nd:YAG Laser Crystal Production Value by Application (2024-2029) & (USD Million)

Table 59. World Nd:YAG Laser Crystal Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Nd:YAG Laser Crystal Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. EKSMA Optics Basic Information, Manufacturing Base and Competitors

Table 62. EKSMA Optics Major Business

Table 63. EKSMA Optics Nd:YAG Laser Crystal Product and Services

Table 64. EKSMA Optics Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. EKSMA Optics Recent Developments/Updates

Table 66. EKSMA Optics Competitive Strengths & Weaknesses

Table 67. ALPHALAS GmbH Basic Information, Manufacturing Base and Competitors

Table 68. ALPHALAS GmbH Major Business

- Table 69. ALPHALAS GmbH Nd:YAG Laser Crystal Product and Services
- Table 70. ALPHALAS GmbH Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. ALPHALAS GmbH Recent Developments/Updates
- Table 72. ALPHALAS GmbH Competitive Strengths & Weaknesses
- Table 73. Scientific Materials Basic Information, Manufacturing Base and Competitors
- Table 74. Scientific Materials Major Business
- Table 75. Scientific Materials Nd:YAG Laser Crystal Product and Services
- Table 76. Scientific Materials Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Scientific Materials Recent Developments/Updates
- Table 78. Scientific Materials Competitive Strengths & Weaknesses
- Table 79. Laser Materials Corporation Basic Information, Manufacturing Base and Competitors
- Table 80. Laser Materials Corporation Major Business
- Table 81. Laser Materials Corporation Nd:YAG Laser Crystal Product and Services
- Table 82. Laser Materials Corporation Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Laser Materials Corporation Recent Developments/Updates
- Table 84. Laser Materials Corporation Competitive Strengths & Weaknesses
- Table 85. Northrop Grumman SYNOPTICS Basic Information, Manufacturing Base and Competitors
- Table 86. Northrop Grumman SYNOPTICS Major Business
- Table 87. Northrop Grumman SYNOPTICS Nd:YAG Laser Crystal Product and Services
- Table 88. Northrop Grumman SYNOPTICS Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Northrop Grumman SYNOPTICS Recent Developments/Updates
- Table 90. Northrop Grumman SYNOPTICS Competitive Strengths & Weaknesses
- Table 91. WISOPTIC Basic Information, Manufacturing Base and Competitors
- Table 92. WISOPTIC Major Business
- Table 93. WISOPTIC Nd:YAG Laser Crystal Product and Services
- Table 94. WISOPTIC Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. WISOPTIC Recent Developments/Updates

- Table 96. WISOPTIC Competitive Strengths & Weaknesses
- Table 97. FOCTEK Basic Information, Manufacturing Base and Competitors
- Table 98. FOCTEK Major Business
- Table 99. FOCTEK Nd:YAG Laser Crystal Product and Services
- Table 100. FOCTEK Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. FOCTEK Recent Developments/Updates
- Table 102. FOCTEK Competitive Strengths & Weaknesses
- Table 103. Fuzhou Laserstates Electronics Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 104. Fuzhou Laserstates Electronics Co., Ltd. Major Business
- Table 105. Fuzhou Laserstates Electronics Co., Ltd. Nd:YAG Laser Crystal Product and Services
- Table 106. Fuzhou Laserstates Electronics Co., Ltd. Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Fuzhou Laserstates Electronics Co., Ltd. Recent Developments/Updates
- Table 108. Fuzhou Laserstates Electronics Co., Ltd. Competitive Strengths & Weaknesses
- Table 109. CASTECH, Inc Basic Information, Manufacturing Base and Competitors
- Table 110. CASTECH, Inc Major Business
- Table 111. CASTECH, Inc Nd:YAG Laser Crystal Product and Services
- Table 112. CASTECH, Inc Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. CASTECH, Inc Recent Developments/Updates
- Table 114. CASTECH, Inc Competitive Strengths & Weaknesses
- Table 115. Crystik Co., Ltd Basic Information, Manufacturing Base and Competitors
- Table 116. Crystik Co., Ltd Major Business
- Table 117. Crystik Co., Ltd Nd:YAG Laser Crystal Product and Services
- Table 118. Crystik Co., Ltd Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Crystik Co., Ltd Recent Developments/Updates
- Table 120. Crystik Co., Ltd Competitive Strengths & Weaknesses
- Table 121. Union Optic Basic Information, Manufacturing Base and Competitors
- Table 122. Union Optic Major Business
- Table 123. Union Optic Nd:YAG Laser Crystal Product and Services
- Table 124. Union Optic Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Union Optic Recent Developments/Updates

Table 126. Union Optic Competitive Strengths & Weaknesses

Table 127. CRYLiNK Basic Information, Manufacturing Base and Competitors

Table 128. CRYLiNK Major Business

Table 129. CRYLiNK Nd:YAG Laser Crystal Product and Services

Table 130. CRYLiNK Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. CRYLiNK Recent Developments/Updates

Table 132. CRYLiNK Competitive Strengths & Weaknesses

Table 133. HG Optronics.,INC Basic Information, Manufacturing Base and Competitors

Table 134. HG Optronics.,INC Major Business

Table 135. HG Optronics.,INC Nd:YAG Laser Crystal Product and Services

Table 136. HG Optronics.,INC Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. HG Optronics.,INC Recent Developments/Updates

Table 138. Fujian Dayoptics Inc Basic Information, Manufacturing Base and Competitors

Table 139. Fujian Dayoptics Inc Major Business

Table 140. Fujian Dayoptics Inc Nd:YAG Laser Crystal Product and Services

Table 141. Fujian Dayoptics Inc Nd:YAG Laser Crystal Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 142. Global Key Players of Nd:YAG Laser Crystal Upstream (Raw Materials)

Table 143. Nd:YAG Laser Crystal Typical Customers

Table 144. Nd:YAG Laser Crystal Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Nd:YAG Laser Crystal Picture

Figure 2. World Nd:YAG Laser Crystal Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Nd:YAG Laser Crystal Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Nd:YAG Laser Crystal Production (2018-2029) & (K Units)

Figure 5. World Nd:YAG Laser Crystal Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Nd:YAG Laser Crystal Production Value Market Share by Region (2018-2029)

Figure 7. World Nd:YAG Laser Crystal Production Market Share by Region (2018-2029)

Figure 8. North America Nd:YAG Laser Crystal Production (2018-2029) & (K Units)

Figure 9. Europe Nd:YAG Laser Crystal Production (2018-2029) & (K Units)

Figure 10. China Nd:YAG Laser Crystal Production (2018-2029) & (K Units)

Figure 11. Japan Nd:YAG Laser Crystal Production (2018-2029) & (K Units)

Figure 12. South Korea Nd:YAG Laser Crystal Production (2018-2029) & (K Units)

Figure 13. Nd:YAG Laser Crystal Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 16. World Nd:YAG Laser Crystal Consumption Market Share by Region (2018-2029)

Figure 17. United States Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 18. China Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 19. Europe Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 20. Japan Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 21. South Korea Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 23. India Nd:YAG Laser Crystal Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Nd:YAG Laser Crystal by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Nd:YAG Laser Crystal Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Nd:YAG Laser Crystal Markets in 2022

Figure 27. United States VS China: Nd:YAG Laser Crystal Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Nd:YAG Laser Crystal Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Nd:YAG Laser Crystal Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Nd:YAG Laser Crystal Production Market Share 2022

Figure 31. China Based Manufacturers Nd:YAG Laser Crystal Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Nd:YAG Laser Crystal Production Market Share 2022

Figure 33. World Nd:YAG Laser Crystal Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Nd:YAG Laser Crystal Production Value Market Share by Type in 2022

Figure 35. Rod

Figure 36. Flaky

Figure 37. Lumpy

Figure 38. Other

Figure 39. World Nd:YAG Laser Crystal Production Market Share by Type (2018-2029)

Figure 40. World Nd:YAG Laser Crystal Production Value Market Share by Type (2018-2029)

Figure 41. World Nd:YAG Laser Crystal Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World Nd:YAG Laser Crystal Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World Nd:YAG Laser Crystal Production Value Market Share by Application in 2022

Figure 44. Laser Beauty

Figure 45. Laser Ranging

Figure 46. Laser Marking

Figure 47. Other

Figure 48. World Nd:YAG Laser Crystal Production Market Share by Application (2018-2029)

Figure 49. World Nd:YAG Laser Crystal Production Value Market Share by Application (2018-2029)

Figure 50. World Nd:YAG Laser Crystal Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Nd:YAG Laser Crystal Industry Chain

Figure 52. Nd:YAG Laser Crystal Procurement Model

Figure 53. Nd:YAG Laser Crystal Sales Model

Figure 54. Nd:YAG Laser Crystal Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global Nd:YAG Laser Crystal Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GD193ED1ADECEN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD193ED1ADECEN.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