



Ultrafast Lasers Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2025-12-19	133	PDF

Single User	Multi User	Enterprise
USD 2,950	USD 4,430	USD 5,900

Description

Ultrafast lasers are ultra-short pulse of light with an electromagnetic pulse whose time duration is of the order of a picosecond or less. These pulses have a broadband optical range, and can be produced by mode-locked oscillators.

Ultrafast lasers are commonly referred to as ultrafast events with an amplification of ultra-short pulses which always requires the technique of high pulse amplification, in order to avoid damage to the gain medium of the amplifier. In research & development department, advances in materials and laser configurations promise to open up a variety of new applications outside of the technology’s core area of industrial micromachining.

The major players in global Ultrafast Lasers market include Coherent, Trumpf, IPG Photonics, etc. The top 3 players occupy about 40% shares of the global market. Asia-Pacific is the largest market, with a share about 50%, followed by Europe and North America with the share about 25% and 20%. Diode-pumped lasers is the main type, with a share about 45%. Material processing is the main application, which holds a share about 50%.

Report Scope

This report quantifies the global Ultrafast Lasers market in revenue (US\$ million) and, where applicable, sales volume (Units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032. It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/Units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Ultrafast Lasers.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Ultrafast Lasers Market by Company

Trumpf

Coherent

IPG Photonics

Newport

Amplitude Laser Group
Laser Quantum
Lumentum
IMRA America
NKT Photonics
Clark-MXR
EKSPLA
Huaray Precision Laser
Yangtze Soton Laser (YSL)
Bellin Laser
NPI Lasers

Ultrafast Lasers Segment by Type

Titanium-sapphire Lasers
Diode-pumped Lasers
Fiber Lasers
Mode-locked Diode Lasers

Ultrafast Lasers Segment by Application

Material Processing
Biomedical
Spectroscopy and Imaging
Science and Research
Others

Ultrafast Lasers Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia

South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Ultrafast Lasers market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Ultrafast Lasers and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Ultrafast Lasers.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Ultrafast Lasers manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Ultrafast Lasers by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Ultrafast Lasers in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Ultrafast Lasers by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Titanium-sapphire Lasers
 - 2.2.3 Diode-pumped Lasers
 - 2.2.4 Fiber Lasers
 - 2.2.5 Mode-locked Diode Lasers
- 2.3 Ultrafast Lasers by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Material Processing
 - 2.3.3 Biomedical
 - 2.3.4 Spectroscopy and Imaging
 - 2.3.5 Science and Research
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Ultrafast Lasers Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Ultrafast Lasers Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Ultrafast Lasers Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Ultrafast Lasers Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Ultrafast Lasers Production by Manufacturers (2021-2026)
- 3.2 Global Ultrafast Lasers Production Value by Manufacturers (2021-2026)
- 3.3 Global Ultrafast Lasers Average Price by Manufacturers (2021-2026)
- 3.4 Global Ultrafast Lasers Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Ultrafast Lasers Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Ultrafast Lasers Manufacturers, Product Type & Application
- 3.7 Global Ultrafast Lasers Manufacturers Established Date
- 3.8 Global Ultrafast Lasers Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Trumpf
 - 4.1.1 Trumpf Ultrafast Lasers Company Information
 - 4.1.2 Trumpf Ultrafast Lasers Business Overview
 - 4.1.3 Trumpf Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.1.4 Trumpf Product Portfolio

4.1.5 Trumpf Recent Developments

4.2 Coherent

4.2.1 Coherent Ultrafast Lasers Company Information

4.2.2 Coherent Ultrafast Lasers Business Overview

4.2.3 Coherent Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.2.4 Coherent Product Portfolio

4.2.5 Coherent Recent Developments

4.3 IPG Photonics

4.3.1 IPG Photonics Ultrafast Lasers Company Information

4.3.2 IPG Photonics Ultrafast Lasers Business Overview

4.3.3 IPG Photonics Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.3.4 IPG Photonics Product Portfolio

4.3.5 IPG Photonics Recent Developments

4.4 Newport

4.4.1 Newport Ultrafast Lasers Company Information

4.4.2 Newport Ultrafast Lasers Business Overview

4.4.3 Newport Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.4.4 Newport Product Portfolio

4.4.5 Newport Recent Developments

4.5 Amplitude Laser Group

4.5.1 Amplitude Laser Group Ultrafast Lasers Company Information

4.5.2 Amplitude Laser Group Ultrafast Lasers Business Overview

4.5.3 Amplitude Laser Group Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.5.4 Amplitude Laser Group Product Portfolio

4.5.5 Amplitude Laser Group Recent Developments

4.6 Laser Quantum

4.6.1 Laser Quantum Ultrafast Lasers Company Information

4.6.2 Laser Quantum Ultrafast Lasers Business Overview

4.6.3 Laser Quantum Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.6.4 Laser Quantum Product Portfolio

4.6.5 Laser Quantum Recent Developments

4.7 Lumentum

4.7.1 Lumentum Ultrafast Lasers Company Information

4.7.2 Lumentum Ultrafast Lasers Business Overview

4.7.3 Lumentum Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.7.4 Lumentum Product Portfolio

4.7.5 Lumentum Recent Developments

4.8 IMRA America

4.8.1 IMRA America Ultrafast Lasers Company Information

4.8.2 IMRA America Ultrafast Lasers Business Overview

4.8.3 IMRA America Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.8.4 IMRA America Product Portfolio

4.8.5 IMRA America Recent Developments

4.9 NKT Photonics

4.9.1 NKT Photonics Ultrafast Lasers Company Information

4.9.2 NKT Photonics Ultrafast Lasers Business Overview

4.9.3 NKT Photonics Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.9.4 NKT Photonics Product Portfolio

4.9.5 NKT Photonics Recent Developments

4.10 Clark-MXR

4.10.1 Clark-MXR Ultrafast Lasers Company Information

4.10.2 Clark-MXR Ultrafast Lasers Business Overview

4.10.3 Clark-MXR Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.10.4 Clark-MXR Product Portfolio

4.10.5 Clark-MXR Recent Developments

4.11 EKSPLA

4.11.1 EKSPLA Ultrafast Lasers Company Information

4.11.2 EKSPLA Ultrafast Lasers Business Overview

4.11.3 EKSPLA Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.11.4 EKSPLA Product Portfolio

4.11.5 EKSPLA Recent Developments

4.12 Huaray Precision Laser

4.12.1 Huaray Precision Laser Ultrafast Lasers Company Information

4.12.2 Huaray Precision Laser Ultrafast Lasers Business Overview

4.12.3 Huaray Precision Laser Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.12.4 Huaray Precision Laser Product Portfolio

4.12.5 Huaray Precision Laser Recent Developments

4.13 Yangtze Soton Laser (YSL)

4.13.1 Yangtze Soton Laser (YSL) Ultrafast Lasers Company Information

4.13.2 Yangtze Soton Laser (YSL) Ultrafast Lasers Business Overview

4.13.3 Yangtze Soton Laser (YSL) Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.13.4 Yangtze Soton Laser (YSL) Product Portfolio

4.13.5 Yangtze Soton Laser (YSL) Recent Developments

4.14 Bellin Laser

4.14.1 Bellin Laser Ultrafast Lasers Company Information

4.14.2 Bellin Laser Ultrafast Lasers Business Overview

4.14.3 Bellin Laser Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.14.4 Bellin Laser Product Portfolio

4.14.5 Bellin Laser Recent Developments

4.15 NPI Lasers

4.15.1 NPI Lasers Ultrafast Lasers Company Information

4.15.2 NPI Lasers Ultrafast Lasers Business Overview

4.15.3 NPI Lasers Ultrafast Lasers Production, Value and Gross Margin (2021-2026)

4.15.4 NPI Lasers Product Portfolio

4.15.5 NPI Lasers Recent Developments

5 Global Ultrafast Lasers Production by Region

5.1 Global Ultrafast Lasers Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Ultrafast Lasers Production by Region: 2021-2032

5.2.1 Global Ultrafast Lasers Production by Region: 2021-2026

5.2.2 Global Ultrafast Lasers Production Forecast by Region (2027-2032)

5.3 Global Ultrafast Lasers Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global Ultrafast Lasers Production Value by Region: 2021-2032

5.4.1 Global Ultrafast Lasers Production Value by Region: 2021-2026

5.4.2 Global Ultrafast Lasers Production Value Forecast by Region (2027-2032)

5.5 Global Ultrafast Lasers Market Price Analysis by Region (2021-2026)

- 5.6 Global Ultrafast Lasers Production and Value, YOY Growth
 - 5.6.1 North America Ultrafast Lasers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Ultrafast Lasers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Ultrafast Lasers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Ultrafast Lasers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.5 South Korea Ultrafast Lasers Production Value Estimates and Forecasts (2021-2032)

6 Global Ultrafast Lasers Consumption by Region

- 6.1 Global Ultrafast Lasers Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
 - 6.2 Global Ultrafast Lasers Consumption by Region (2021-2032)
 - 6.2.1 Global Ultrafast Lasers Consumption by Region: 2021-2026
 - 6.2.2 Global Ultrafast Lasers Forecasted Consumption by Region (2027-2032)
 - 6.3 North America
 - 6.3.1 North America Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.3.2 North America Ultrafast Lasers Consumption by Country (2021-2032)
 - 6.3.3 United States
 - 6.3.4 Canada
 - 6.3.5 Mexico
 - 6.4 Europe
 - 6.4.1 Europe Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.4.2 Europe Ultrafast Lasers Consumption by Country (2021-2032)
 - 6.4.3 Germany
 - 6.4.4 France
 - 6.4.5 U.K.
 - 6.4.6 Italy
 - 6.4.7 Russia
 - 6.4.8 Spain
 - 6.4.9 Netherlands
 - 6.4.10 Switzerland
 - 6.4.11 Sweden
 - 6.4.12 Poland
 - 6.5 Asia Pacific
 - 6.5.1 Asia Pacific Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.5.2 Asia Pacific Ultrafast Lasers Consumption by Country (2021-2032)
 - 6.5.3 China
 - 6.5.4 Japan
 - 6.5.5 South Korea
 - 6.5.6 India
 - 6.5.7 Australia
 - 6.5.8 Taiwan
 - 6.5.9 Southeast Asia
 - 6.6 South America, Middle East & Africa
 - 6.6.1 South America, Middle East & Africa Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.6.2 South America, Middle East & Africa Ultrafast Lasers Consumption by Country (2021-2032)
 - 6.6.3 Brazil
 - 6.6.4 Argentina
 - 6.6.5 Chile
 - 6.6.6 Turkey
 - 6.6.7 GCC Countries
-

7 Segment by Type

- 7.1 Global Ultrafast Lasers Production by Type (2021-2032)
 - 7.1.1 Global Ultrafast Lasers Production by Type (2021-2032) & (Units)
 - 7.1.2 Global Ultrafast Lasers Production Market Share by Type (2021-2032)
- 7.2 Global Ultrafast Lasers Production Value by Type (2021-2032)
 - 7.2.1 Global Ultrafast Lasers Production Value by Type (2021-2032) & (US\$ Million)
 - 7.2.2 Global Ultrafast Lasers Production Value Market Share by Type (2021-2032)
- 7.3 Global Ultrafast Lasers Price by Type (2021-2032)

8 Segment by Application

- 8.1 Global Ultrafast Lasers Production by Application (2021-2032)
 - 8.1.1 Global Ultrafast Lasers Production by Application (2021-2032) & (Units)
 - 8.1.2 Global Ultrafast Lasers Production Market Share by Application (2021-2032)
- 8.2 Global Ultrafast Lasers Production Value by Application (2021-2032)
 - 8.2.1 Global Ultrafast Lasers Production Value by Application (2021-2032) & (US\$ Million)
 - 8.2.2 Global Ultrafast Lasers Production Value Market Share by Application (2021-2032)
- 8.3 Global Ultrafast Lasers Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

- 9.1 Ultrafast Lasers Value Chain Analysis
 - 9.1.1 Ultrafast Lasers Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Ultrafast Lasers Production Mode & Process
- 9.2 Ultrafast Lasers Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Ultrafast Lasers Distributors
 - 9.2.3 Ultrafast Lasers Customers

10 Global Ultrafast Lasers Analyzing Market Dynamics

- 10.1 Ultrafast Lasers Industry Trends
- 10.2 Ultrafast Lasers Industry Drivers
- 10.3 Ultrafast Lasers Industry Opportunities and Challenges
- 10.4 Ultrafast Lasers Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Ultrafast Lasers Production by Manufacturers (Units) & (2021-2026)
- Table 6: Global Ultrafast Lasers Production Market Share by Manufacturers
- Table 7: Global Ultrafast Lasers Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Ultrafast Lasers Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Ultrafast Lasers Average Price (K US\$/Unit) of Manufacturers (2021-2026)
- Table 10: Global Ultrafast Lasers Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Ultrafast Lasers Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Ultrafast Lasers Manufacturers, Product Type & Application
- Table 13: Global Ultrafast Lasers Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Ultrafast Lasers by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Trumpf Company Information
- Table 18: Trumpf Business Overview
- Table 19: Trumpf Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 20: Trumpf Ultrafast Lasers Product Portfolio
- Table 21: Trumpf Recent Development
- Table 22: Coherent Company Information
- Table 23: Coherent Business Overview
- Table 24: Coherent Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 25: Coherent Ultrafast Lasers Product Portfolio
- Table 26: Coherent Recent Development
- Table 27: IPG Photonics Company Information
- Table 28: IPG Photonics Business Overview
- Table 29: IPG Photonics Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 30: IPG Photonics Ultrafast Lasers Product Portfolio
- Table 31: IPG Photonics Recent Development
- Table 32: Newport Company Information
- Table 33: Newport Business Overview
- Table 34: Newport Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 35: Newport Ultrafast Lasers Product Portfolio
- Table 36: Newport Recent Development
- Table 37: Amplitude Laser Group Company Information
- Table 38: Amplitude Laser Group Business Overview
- Table 39: Amplitude Laser Group Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 40: Amplitude Laser Group Ultrafast Lasers Product Portfolio
- Table 41: Amplitude Laser Group Recent Development
- Table 42: Laser Quantum Company Information
- Table 43: Laser Quantum Business Overview
- Table 44: Laser Quantum Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 45: Laser Quantum Ultrafast Lasers Product Portfolio
- Table 46: Laser Quantum Recent Development
- Table 47: Lumentum Company Information
- Table 48: Lumentum Business Overview
- Table 49: Lumentum Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 50: Lumentum Ultrafast Lasers Product Portfolio

- Table 51: Lumentum Recent Development
- Table 52: IMRA America Company Information
- Table 53: IMRA America Business Overview
- Table 54: IMRA America Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 55: IMRA America Ultrafast Lasers Product Portfolio
- Table 56: IMRA America Recent Development
- Table 57: NKT Photonics Company Information
- Table 58: NKT Photonics Business Overview
- Table 59: NKT Photonics Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 60: NKT Photonics Ultrafast Lasers Product Portfolio
- Table 61: NKT Photonics Recent Development
- Table 62: Clark-MXR Company Information
- Table 63: Clark-MXR Business Overview
- Table 64: Clark-MXR Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 65: Clark-MXR Ultrafast Lasers Product Portfolio
- Table 66: Clark-MXR Recent Development
- Table 67: EKSPLA Company Information
- Table 68: EKSPLA Business Overview
- Table 69: EKSPLA Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 70: EKSPLA Ultrafast Lasers Product Portfolio
- Table 71: EKSPLA Recent Development
- Table 72: Huaray Precision Laser Company Information
- Table 73: Huaray Precision Laser Business Overview
- Table 74: Huaray Precision Laser Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 75: Huaray Precision Laser Ultrafast Lasers Product Portfolio
- Table 76: Huaray Precision Laser Recent Development
- Table 77: Yangtze Soton Laser (YSL) Company Information
- Table 78: Yangtze Soton Laser (YSL) Business Overview
- Table 79: Yangtze Soton Laser (YSL) Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 80: Yangtze Soton Laser (YSL) Ultrafast Lasers Product Portfolio
- Table 81: Yangtze Soton Laser (YSL) Recent Development
- Table 82: Bellin Laser Company Information
- Table 83: Bellin Laser Business Overview
- Table 84: Bellin Laser Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 85: Bellin Laser Ultrafast Lasers Product Portfolio
- Table 86: Bellin Laser Recent Development
- Table 87: NPI Lasers Company Information
- Table 88: NPI Lasers Business Overview
- Table 89: NPI Lasers Ultrafast Lasers Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)
- Table 90: NPI Lasers Ultrafast Lasers Product Portfolio
- Table 91: NPI Lasers Recent Development
- Table 92: Global Ultrafast Lasers Production Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Table 93: Global Ultrafast Lasers Production by Region (2021-2026) & (Units)
- Table 94: Global Ultrafast Lasers Production Market Share by Region (2021-2026)
- Table 95: Global Ultrafast Lasers Production Forecast by Region (2027-2032) & (Units)
- Table 96: Global Ultrafast Lasers Production Market Share Forecast by Region (2027-2032)
- Table 97: Global Ultrafast Lasers Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 98: Global Ultrafast Lasers Production Value by Region (2021-2026) & (US\$ Million)
- Table 99: Global Ultrafast Lasers Production Value Market Share by Region (2021-2026)
- Table 100: Global Ultrafast Lasers Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 101: Global Ultrafast Lasers Market Average Price (K US\$/Unit) by Region (2021-2026)
- Table 102: Global Ultrafast Lasers Market Average Price (K US\$/Unit) by Region (2027-2032)
- Table 103: Global Ultrafast Lasers Consumption Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Table 104: Global Ultrafast Lasers Consumption by Region (2021-2026) & (Units)
- Table 105: Global Ultrafast Lasers Consumption Market Share by Region (2021-2026)
- Table 106: Global Ultrafast Lasers Forecasted Consumption by Region (2027-2032) & (Units)
- Table 107: Global Ultrafast Lasers Forecasted Consumption Market Share by Region (2027-2032)
- Table 108: North America Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)

- Table 109: North America Ultrafast Lasers Consumption by Country (2021-2026) & (Units)
- Table 110: North America Ultrafast Lasers Consumption by Country (2027-2032) & (Units)
- Table 111: Europe Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 112: Europe Ultrafast Lasers Consumption by Country (2021-2026) & (Units)
- Table 113: Europe Ultrafast Lasers Consumption by Country (2027-2032) & (Units)
- Table 114: Asia Pacific Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 115: Asia Pacific Ultrafast Lasers Consumption by Country (2021-2026) & (Units)
- Table 116: Asia Pacific Ultrafast Lasers Consumption by Country (2027-2032) & (Units)
- Table 117: South America, Middle East & Africa Ultrafast Lasers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (Units)
- Table 118: South America, Middle East & Africa Ultrafast Lasers Consumption by Country (2021-2026) & (Units)
- Table 119: South America, Middle East & Africa Ultrafast Lasers Consumption by Country (2027-2032) & (Units)
- Table 120: Global Ultrafast Lasers Production by Type (2021-2026) & (Units)
- Table 121: Global Ultrafast Lasers Production by Type (2027-2032) & (Units)
- Table 122: Global Ultrafast Lasers Production Market Share by Type (2021-2026)
- Table 123: Global Ultrafast Lasers Production Market Share by Type (2027-2032)
- Table 124: Global Ultrafast Lasers Production Value by Type (2021-2026) & (US\$ Million)
- Table 125: Global Ultrafast Lasers Production Value by Type (2027-2032) & (US\$ Million)
- Table 126: Global Ultrafast Lasers Production Value Market Share by Type (2021-2026)
- Table 127: Global Ultrafast Lasers Production Value Market Share by Type (2027-2032)
- Table 128: Global Ultrafast Lasers Price by Type (2021-2026) & (K US\$/Unit)
- Table 129: Global Ultrafast Lasers Price by Type (2027-2032) & (K US\$/Unit)
- Table 130: Global Ultrafast Lasers Production by Application (2021-2026) & (Units)
- Table 131: Global Ultrafast Lasers Production by Application (2027-2032) & (Units)
- Table 132: Global Ultrafast Lasers Production Market Share by Application (2021-2026)
- Table 133: Global Ultrafast Lasers Production Market Share by Application (2027-2032)
- Table 134: Global Ultrafast Lasers Production Value by Application (2021-2026) & (US\$ Million)
- Table 135: Global Ultrafast Lasers Production Value by Application (2027-2032) & (US\$ Million)
- Table 136: Global Ultrafast Lasers Production Value Market Share by Application (2021-2026)
- Table 137: Global Ultrafast Lasers Production Value Market Share by Application (2027-2032)
- Table 138: Global Ultrafast Lasers Price by Application (2021-2026) & (K US\$/Unit)
- Table 139: Global Ultrafast Lasers Price by Application (2027-2032) & (K US\$/Unit)
- Table 140: Key Raw Materials
- Table 141: Raw Materials Key Suppliers
- Table 142: Ultrafast Lasers Distributors List
- Table 143: Ultrafast Lasers Customers List
- Table 144: Ultrafast Lasers Industry Trends
- Table 145: Ultrafast Lasers Industry Drivers
- Table 146: Ultrafast Lasers Industry Restraints
- Table 147: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Ultrafast Lasers Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Titanium-sapphire Lasers Product Image
- Figure 7: Diode-pumped Lasers Product Image
- Figure 8: Fiber Lasers Product Image
- Figure 9: Mode-locked Diode Lasers Product Image
- Figure 10: Material Processing Product Image
- Figure 11: Biomedical Product Image
- Figure 12: Spectroscopy and Imaging Product Image
- Figure 13: Science and Research Product Image
- Figure 14: Others Product Image
- Figure 15: Global Ultrafast Lasers Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Ultrafast Lasers Production Value (2021-2032) & (US\$ Million)
- Figure 17: Global Ultrafast Lasers Production Capacity (2021-2032) & (Units)
- Figure 18: Global Ultrafast Lasers Production (2021-2032) & (Units)
- Figure 19: Global Ultrafast Lasers Average Price (K US\$/Unit) & (2021-2032)
- Figure 20: Global Ultrafast Lasers Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 21: Global Top 5 and 10 Ultrafast Lasers Players Market Share by Production Value in 2025

- Figure 22: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Global Ultrafast Lasers Production Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Figure 24: Global Ultrafast Lasers Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: Global Ultrafast Lasers Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 26: Global Ultrafast Lasers Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: North America Ultrafast Lasers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Europe Ultrafast Lasers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: China Ultrafast Lasers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Japan Ultrafast Lasers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: South Korea Ultrafast Lasers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Global Ultrafast Lasers Consumption Comparison by Region: 2021 VS 2025 VS 2032 (Units)
- Figure 33: Global Ultrafast Lasers Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 34: North America Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 35: North America Ultrafast Lasers Consumption Market Share by Country (2021-2032)
- Figure 36: United States Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 37: United States Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 38: Canada Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 39: Mexico Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 40: Europe Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 41: Europe Ultrafast Lasers Consumption Market Share by Country (2021-2032)
- Figure 42: Germany Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 43: France Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 44: U.K. Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 45: Italy Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 46: Russia Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 47: Spain Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 48: Netherlands Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 49: Switzerland Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 50: Sweden Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 51: Poland Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 52: Asia Pacific Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 53: Asia Pacific Ultrafast Lasers Consumption Market Share by Country (2021-2032)
- Figure 54: China Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 55: Japan Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 56: South Korea Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 57: India Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 58: Australia Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 59: Taiwan Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 60: Southeast Asia Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 61: South America, Middle East & Africa Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 62: South America, Middle East & Africa Ultrafast Lasers Consumption Market Share by Country (2021-2032)
- Figure 63: Brazil Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 64: Argentina Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 65: Chile Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 66: Turkey Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 67: GCC Countries Ultrafast Lasers Consumption and Growth Rate (2021-2032) & (Units)
- Figure 68: Global Ultrafast Lasers Production Market Share by Type (2021-2032)
- Figure 69: Global Ultrafast Lasers Production Value Market Share by Type (2021-2032)
- Figure 70: Global Ultrafast Lasers Price (K US\$/Unit) by Type (2021-2032)
- Figure 71: Global Ultrafast Lasers Production Market Share by Application (2021-2032)
- Figure 72: Global Ultrafast Lasers Production Value Market Share by Application (2021-2032)
- Figure 73: Global Ultrafast Lasers Price (K US\$/Unit) by Application (2021-2032)
- Figure 74: Ultrafast Lasers Value Chain
- Figure 75: Ultrafast Lasers Production Mode & Process
- Figure 76: Direct Comparison with Distribution Share
- Figure 77: Distributors Profiles
- Figure 78: Ultrafast Lasers Industry Opportunities and Challenges