

# **Global Picosecond Lasers Market Size Study & Forecast, by Technology (ND:YAG, Alexandrite), by Application (Tattoo Removal, Pigmented Lesions, Skin Rejuvenation, Melasma, Others), by End-use (Dermatology Clinics, Med Spas & Aesthetic Centers, Others), and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/G31D57EEE0CBEN.html>

Date: October 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G31D57EEE0CBEN

## **Abstracts**

Global Picosecond Lasers Market is valued at approximately USD 223.1 million in 2022 and is anticipated to grow with a healthy growth rate of more than 7.4 % over the forecast period 2023-2030. Picosecond lasers are a type of ultrafast laser that emits extremely short pulses of light in the picosecond range. These lasers are useful in a wide range of scientific, medicinal, and industrial applications because of their special characteristics. The ultrafast nature of picosecond lasers enables them to deliver high peak powers in short pulses, which can interact with materials and tissues in distinct ways. The rising number of tattoo removal procedures, surging demand for precision manufacturing, increasing application in fiber optic communications, along with growing industrial applications are the key factors that are fostering market demand across the globe.

In addition, the rising awareness and inclination towards the adoption of non-invasive aesthetic treatment are further acting as a catalyzing factor for market growth across the globe. Picosecond lasers offer shorter pulse durations compared to traditional lasers help in minimizing heat buildup in the skin and lessen the risk of adverse effects. It allows patients to undergo treatments with less downtime and discomfort.

According to The Aesthetic Society, in 2021, non-surgical procedures increased by 44% compared to 2020. Also, picosecond lasers are gaining high traction in skin rejuvenation

procedures, which, in turn, accelerates the market expansion during the estimated period. As per Statista, in 2021, the facial rejuvenation sector generated revenue of around USD 19.52 billion, which is projected to rise and is expected to reach USD 25.11 billion by 2026 around the world. Thus, these aforementioned factors are propelling the growth of the picosecond lasers market during the estimated period. Moreover, the rising focus on technological advancements, as well as increasing government support for the development of laser technology presents various lucrative opportunities over the forecast years. However, the high cost of picosecond laser systems and the presence of alternative technologies are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Picosecond Lasers Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the rising use of picosecond lasers in industrial applications, as well as the growing emphasis on technological advances in picosecond laser manufacturing by the key market players. Whereas, Asia Pacific is expected to grow at the highest CAGR over the forecast years. The increasing demand for picosecond lasers in medical applications, expansion of biomedical research, growing trend of high-precision manufacturing processes, and development in fiber optic communications are significantly propelling the market demand across the region.

Major market players included in this report are:

Cynosure, LLC.

Cutera, Inc.

Candela Corporation.

Rohrer Aesthetics, Inc.

Beijing ADSS Development Co., Ltd

Fotona

Lutronic

El.En. S.p.A. Cod.

Alma Laser (Sisram Medical)

Coherent, Inc.

Recent Developments in the Market:

In June 2022, Cynosure, LLC announced an update to its PicoSure Pro device. The device has an adjustable fluence and a 50% boost in energy to speed up patient turnover while helping to cure skin issues including undesired pigmentation and skin rejuvenation for all skin types.

Global Picosecond Lasers Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Technology, Application, End-use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving

factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

ND:YAG

Alexandrite

By Application:

Tattoo Removal

Pigmented Lesions

Skin Rejuvenation

Melasma

Others

By End-use:

Dermatology Clinics

Med Spas & Aesthetic Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Million)
  - 1.2.1. Picosecond Lasers Market, by Region, 2020-2030 (USD Million)
  - 1.2.2. Picosecond Lasers Market, by Technology, 2020-2030 (USD Million)
  - 1.2.3. Picosecond Lasers Market, by Application, 2020-2030 (USD Million)
  - 1.2.4. Picosecond Lasers Market, by End-use, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL PICOSECOND LASERS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL PICOSECOND LASERS MARKET DYNAMICS

- 3.1. Picosecond Lasers Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing number of tattoo removal procedures
    - 3.1.1.2. Rising awareness and adoption of non-invasive aesthetic treatment
  - 3.1.2. Market Challenges
    - 3.1.2.1. High cost of picosecond laser systems
    - 3.1.2.2. Presence of alternative technologies
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising focus on technological advancements
    - 3.1.3.2. Increasing government support for development of laser technology

### CHAPTER 4. GLOBAL PICOSECOND LASERS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL PICOSECOND LASERS MARKET, BY TECHNOLOGY**

- 5.1. Market Snapshot
- 5.2. Global Picosecond Lasers Market by Technology, Performance - Potential Analysis
- 5.3. Global Picosecond Lasers Market Estimates & Forecasts by Technology 2020-2030 (USD Million)
- 5.4. Picosecond Lasers Market, Sub Segment Analysis
  - 5.4.1. ND:YAG
  - 5.4.2. Alexandrite

## **CHAPTER 6. GLOBAL PICOSECOND LASERS MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Picosecond Lasers Market by Application, Performance - Potential Analysis
- 6.3. Global Picosecond Lasers Market Estimates & Forecasts by Application 2020-2030 (USD Million)
- 6.4. Picosecond Lasers Market, Sub Segment Analysis
  - 6.4.1. Tattoo Removal
  - 6.4.2. Pigmented Lesions



- 6.4.3. Skin Rejuvenation
- 6.4.4. Melasma
- 6.4.5. Others

## **CHAPTER 7. GLOBAL PICOSECOND LASERS MARKET, BY END-USE**

- 7.1. Market Snapshot
- 7.2. Global Picosecond Lasers Market by End-use, Performance - Potential Analysis
- 7.3. Global Picosecond Lasers Market Estimates & Forecasts by End-use 2020-2030 (USD Million)
- 7.4. Picosecond Lasers Market, Sub Segment Analysis
  - 7.4.1. Dermatology Clinics
  - 7.4.2. Med Spas & Aesthetic Centers
  - 7.4.3. Others

## **CHAPTER 8. GLOBAL PICOSECOND LASERS MARKET, REGIONAL ANALYSIS**

- 8.1. Top Leading Countries
- 8.2. Top Emerging Countries
- 8.3. Picosecond Lasers Market, Regional Market Snapshot
- 8.4. North America Picosecond Lasers Market
  - 8.4.1. U.S. Picosecond Lasers Market
    - 8.4.1.1. Technology breakdown estimates & forecasts, 2020-2030
    - 8.4.1.2. Application breakdown estimates & forecasts, 2020-2030
    - 8.4.1.3. End-use breakdown estimates & forecasts, 2020-2030
  - 8.4.2. Canada Picosecond Lasers Market
- 8.5. Europe Picosecond Lasers Market Snapshot
  - 8.5.1. U.K. Picosecond Lasers Market
  - 8.5.2. Germany Picosecond Lasers Market
  - 8.5.3. France Picosecond Lasers Market
  - 8.5.4. Spain Picosecond Lasers Market
  - 8.5.5. Italy Picosecond Lasers Market
  - 8.5.6. Rest of Europe Picosecond Lasers Market
- 8.6. Asia-Pacific Picosecond Lasers Market Snapshot
  - 8.6.1. China Picosecond Lasers Market
  - 8.6.2. India Picosecond Lasers Market
  - 8.6.3. Japan Picosecond Lasers Market
  - 8.6.4. Australia Picosecond Lasers Market
  - 8.6.5. South Korea Picosecond Lasers Market

- 8.6.6. Rest of Asia Pacific Picosecond Lasers Market
- 8.7. Latin America Picosecond Lasers Market Snapshot
  - 8.7.1. Brazil Picosecond Lasers Market
  - 8.7.2. Mexico Picosecond Lasers Market
- 8.8. Middle East & Africa Picosecond Lasers Market
  - 8.8.1. Saudi Arabia Picosecond Lasers Market
  - 8.8.2. South Africa Picosecond Lasers Market
  - 8.8.3. Rest of Middle East & Africa Picosecond Lasers Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Cynosure, LLC.
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. Cutera Inc.
  - 9.3.3. Candela Corporation.
  - 9.3.4. Rohrer Aesthetics, Inc.
  - 9.3.5. Beijing ADSS Development Co., Ltd
  - 9.3.6. Fotona
  - 9.3.7. Lutronic
  - 9.3.8. El.En. S.p.A. Cod.
  - 9.3.9. Alma Laser (Sisram Medical)
  - 9.3.10. Coherent, Inc.

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Picosecond Lasers Market, report scope
- TABLE 2. Global Picosecond Lasers Market estimates & forecasts by Region 2020-2030 (USD Million)
- TABLE 3. Global Picosecond Lasers Market estimates & forecasts by Technology 2020-2030 (USD Million)
- TABLE 4. Global Picosecond Lasers Market estimates & forecasts by Application 2020-2030 (USD Million)
- TABLE 5. Global Picosecond Lasers Market estimates & forecasts by End-use 2020-2030 (USD Million)
- TABLE 6. Global Picosecond Lasers Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 7. Global Picosecond Lasers Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 8. Global Picosecond Lasers Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 9. Global Picosecond Lasers Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 10. Global Picosecond Lasers Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 11. Global Picosecond Lasers Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 12. Global Picosecond Lasers Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 13. Global Picosecond Lasers Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 14. Global Picosecond Lasers Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 15. Global Picosecond Lasers Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 16. U.S. Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)
- TABLE 17. U.S. Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)
- TABLE 18. U.S. Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 19. Canada Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 20. Canada Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 21. Canada Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 22. UK Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 23. UK Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 24. UK Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 25. Germany Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 26. Germany Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 27. Germany Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 28. France Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 29. France Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 30. France Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 31. Italy Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 32. Italy Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 33. Italy Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 34. Spain Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 35. Spain Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 36. Spain Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 37. RoE Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 38. RoE Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 39. RoE Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 40. China Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 41. China Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 42. China Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 43. India Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 44. India Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 45. India Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 46. Japan Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 47. Japan Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 48. Japan Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 49. South Korea Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 50. South Korea Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 51. South Korea Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 52. Australia Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 53. Australia Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 54. Australia Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 55. RoAPAC Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 56. RoAPAC Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 57. RoAPAC Picosecond Lasers Market estimates & forecasts by segment

2020-2030 (USD Million)

TABLE 58. Brazil Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 59. Brazil Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 60. Brazil Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 61. Mexico Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 62. Mexico Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 63. Mexico Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 64. RoLA Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 65. RoLA Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 66. RoLA Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 67. Saudi Arabia Picosecond Lasers Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 68. South Africa Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 69. RoMEA Picosecond Lasers Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 70. List of secondary sources, used in the study of global Picosecond Lasers Market

TABLE 71. List of primary sources, used in the study of global Picosecond Lasers Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Picosecond Lasers Market, research methodology
  - FIG 2. Global Picosecond Lasers Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Picosecond Lasers Market, key trends 2022
  - FIG 5. Global Picosecond Lasers Market, growth prospects 2023-2030
  - FIG 6. Global Picosecond Lasers Market, porters 5 force model
  - FIG 7. Global Picosecond Lasers Market, pest analysis
  - FIG 8. Global Picosecond Lasers Market, value chain analysis
  - FIG 9. Global Picosecond Lasers Market by segment, 2020 & 2030 (USD Million)
  - FIG 10. Global Picosecond Lasers Market by segment, 2020 & 2030 (USD Million)
  - FIG 11. Global Picosecond Lasers Market by segment, 2020 & 2030 (USD Million)
  - FIG 12. Global Picosecond Lasers Market by segment, 2020 & 2030 (USD Million)
  - FIG 13. Global Picosecond Lasers Market by segment, 2020 & 2030 (USD Million)
  - FIG 14. Global Picosecond Lasers Market, regional snapshot 2020 & 2030
  - FIG 15. North America Picosecond Lasers Market 2020 & 2030 (USD Million)
  - FIG 16. Europe Picosecond Lasers Market 2020 & 2030 (USD Million)
  - FIG 17. Asia pacific Picosecond Lasers Market 2020 & 2030 (USD Million)
  - FIG 18. Latin America Picosecond Lasers Market 2020 & 2030 (USD Million)
  - FIG 19. Middle East & Africa Picosecond Lasers Market 2020 & 2030 (USD Million)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable



## I would like to order

Product name: Global Picosecond Lasers Market Size Study & Forecast, by Technology (ND:YAG, Alexandrite), by Application (Tattoo Removal, Pigmented Lesions, Skin Rejuvenation, Melasma, Others), by End-use (Dermatology Clinics, Med Spas & Aesthetic Centers, Others), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G31D57EEE0CBEN.html>

Price: US\$ 4,950.00 (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/G31D57EEE0CBEN.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