

# **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**

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## **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

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Middle East & Africa

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South Africa

Rest of Middle East & Africa

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