

# **Global Tunable Lasers Market Size study, by Product (Dye Laser, Chrysoberyl Laser, Colour Centre Laser, Others), by Process (Cutting, Drilling, Marking & Engraving, Micro-processing), by End-Use (Medical, Pollution Detection, Semiconductor Processing, Others) and by Regional Forecasts 2018-2025**

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## **Abstracts**

Global Tunable Lasers Market to reach USD XXX billion by 2025.

Global Tunable Lasers Market valued approximately USD XXX billion in 2016 is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2017-2025. Increasing numbers of smartphone, rapid industrialization, increasing social networking popularity, digitalization and high data traffic, created a need for network expansion through tunable laser are the major factors that are driving the growth of the market. Further its use in transmitters, flexibility tuning options, cost control, and application in metro network carriers may drive the growth of the market in near future. Whereas the low reliability and supply guarantee and poor performance by its predecessor may hinder the growth the Global Tunable Lasers Market. A tunable laser is a laser whose wavelength of operation can be altered in a controlled manner. Major tunable laser type are excimer lasers, gas lasers (such as CO<sub>2</sub> and He-Ne lasers), dye lasers (liquid and solid state), transition metal solid-state lasers, semiconductor crystal and diode lasers, and free electron lasers. Tunable laser is widely used in photobiology, detector calibration, hyper spectral imaging and spectroscopy. Other uses are photoluminescence study, mapping External Quantum Efficiency (EQE), laser-based facial and skin rejuvenation treatments etc.

The regional analysis of Global Tunable Lasers Market is considered for the key regions

such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share. Whereas, owing to the countries such as China, Japan, and India, Asia Pacific region is anticipated to exhibit higher growth rate / CAGR over the forecast period 2018-2025.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Product:

Dye Laser

Chrysoberyl Laser

Colour Centre Laser

Others

#### By Process:

Cutting

Drilling

Marking & Engraving

Micro-processing

#### By End-Use:

Medical

Pollution Detection

Semiconductor Processing

Others

#### By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

The industry is seeming to be fairly competitive. Some of the leading market players include Corning, Fujitsu, NEC, ExactHire, Agilent Technologies, Finisar, Oclaro, JDSU, Luna, Emcore and so on. Acquisitions and effective mergers are some of the strategies adopted by the key manufacturers. New product launches and continuous technological innovations are the key strategies adopted by the major players.

Target Audience of the Global Tunable Lasers Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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