

# Global Ultrafast Lasers Sales Market Report 2018

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## Abstracts

This report studies the global Ultrafast Lasers market status and forecast, categorizes the global Ultrafast Lasers market size (value & volume) by key players, type, application, and region. This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

The Ultrafast lasers are increasingly used to perform micro-structuring in the automotive industry. One such technique is making an array of small pits on the surface of a part. These small pits hold oil because of the surface tension and prevent direct metal-to-metal contact, thus significantly reducing the friction between the moving parts. These ultrafast lasers are most useful for micro-structuring on parts that have an intricate shape, as it can be used to rapidly process even the most complex surface geometries. One example of this kind of micro-structuring is turbocharger turbine wheel shafts. These parts are subjected to large forces and rotate at high speeds. In order to reduce the friction, increase operating efficiency, and improve product life, ultrafast lasers can be used to produce small pits of size around 40-100  $\mu\text{m}$  in length and 10-20  $\mu\text{m}$  in width on the shafts.

The global Ultrafast Lasers market is valued at 930 million US\$ in 2017 and will reach 2470 million US\$ by the end of 2025, growing at a CAGR of 13.0% during 2018-2025. The major players covered in this report

Coherent

Trumpf

IPG Photonics

Lumentum

Newport

Laser Quantum

IMRA America

NKT Photonics

Clark-MXR

Amplitude Laser Group

EKSPLA

Huaray Precision Laser

Geographically, this report studies the key regions, focuses on product sales, value, market share and growth opportunity in these regions, covering

United States

Europe

China

Japan

Southeast Asia

India

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

## Central & South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Titanium-sapphire lasers

Diode-pumped lasers

Fiber lasers

Mode-locked diode lasers

Others

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Biomedical

Materials processing

Spectroscopy and imaging

Science and research

Others

The study objectives of this report are:

To analyze and study the global Ultrafast Lasers sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Ultrafast Lasers players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Ultrafast Lasers are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

#### Key Stakeholders

Ultrafast Lasers Manufacturers

Ultrafast Lasers Distributors/Traders/Wholesalers

Ultrafast Lasers Subcomponent Manufacturers

Industry Association

Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Ultrafast Lasers market, by end-use.  
Detailed analysis and profiles of additional market players.

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