

Femtosecond Lasers Market, Global Outlook and Forecast 2022-2028

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Abstracts

An Femtosecond Laser is a laser that emits ultrashort pulses of light, generally of the order of femtoseconds to ten picoseconds. They are also known as ultrafast lasers owing to the speed at which pulses 'turn on' and 'off'—not to be confused with the speed at which light propagates, which is determined by the properties of the medium (and has an upper limit), particularly its index of refraction, and can vary as a function of field intensity and wavelength.

This report contains market size and forecasts of Femtosecond Lasers in global, including the following market information:

Global Femtosecond Lasers Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Femtosecond Lasers Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Femtosecond Lasers companies in 2021 (%)

The global Femtosecond Lasers market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Titanium-sapphire Lasers Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Femtosecond Lasers include Coherent, Trumpf, IPG

Photonics, Lumentum, Newport, Laser Quantum, IMRA America, NKT Photonics and Clark-MXR, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Femtosecond Lasers manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Femtosecond Lasers Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Femtosecond Lasers Market Segment Percentages, by Type, 2021 (%)

Titanium-sapphire Lasers

Diode-pumped Lasers

Fiber Lasers

Mode-locked Diode Lasers

Global Femtosecond Lasers Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Femtosecond Lasers Market Segment Percentages, by Application, 2021 (%)

Material Processing

Biomedical

Spectroscopy and Imaging

Science and Research

Others

Global Femtosecond Lasers Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Femtosecond Lasers Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Femtosecond Lasers revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Femtosecond Lasers revenues share in global market, 2021 (%)

Key companies Femtosecond Lasers sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Femtosecond Lasers sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Coherent

Trumpf

IPG Photonics

Lumentum

Newport

Laser Quantum

IMRA America

NKT Photonics

Clark-MXR

Amplitude Laser Group

EKSPLA

Huaray Precision Laser

Yangtze Soton Laser (YSL)

Bellin Laser

NPI Lasers

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