

Global Laser for Semiconductor Equipment Market Growth 2024-2030

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Abstracts

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Laser processing plays a crucial role in the semiconductor industry, where it is used for various applications throughout the manufacturing process. Key uses of laser processing in the semiconductor industry includes: wafer dicing and singulation, via hole drilling, annealing and doping, wafer marking and inspection. The assembly process is extremely detailed, with many steps to create the perfect semiconductor that is the foundation of so many electronics. Although semiconductors are complex to manufacture, using semiconductor laser equipment makes manufacturing more tolerable.

The global Laser for Semiconductor Equipment market size is projected to grow from US\$ 3703 million in 2024 to US\$ 5414 million in 2030; it is expected to grow at a CAGR of 6.5% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Laser for Semiconductor Equipment Industry Forecast" looks at past sales and reviews total world Laser for Semiconductor Equipment sales in 2023, providing a comprehensive analysis by region and market sector of projected Laser for Semiconductor Equipment sales for 2024 through 2030. With Laser for Semiconductor Equipment sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Laser for Semiconductor Equipment industry.

This Insight Report provides a comprehensive analysis of the global Laser for Semiconductor Equipment landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and

M&A activity. This report also analyzes the strategies of leading global companies with a focus on Laser for Semiconductor Equipment portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Laser for Semiconductor Equipment market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Laser for Semiconductor Equipment and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Laser for Semiconductor Equipment.

The semiconductor industry is a strategic, basic and leading industry that supports economic and social development and guarantees national security, and its technical level and development scale have become an important symbol to measure a country's industrial competitiveness and comprehensive national strength, and is also a key field of great power wrestling. In the semiconductor industry, lasers play a pivotal role. In the semiconductor manufacturing process, lasers are widely used in key links such as photolithography, cutting, detection, laser annealing, etc. Its high precision and high efficiency make the processing accuracy and quality of semiconductor devices significantly improved. At the same time, the laser can also provide strong support for the automation and intelligence of the semiconductor production line, further improving the production efficiency.

This report presents a comprehensive overview, market shares, and growth opportunities of Laser for Semiconductor Equipment market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

CO₂ Lasers

Solid-state Lasers

Others

Segmentation by Application:

Semiconductor Lithography Equipment

Semiconductor Inspection and Measurement Equipment

Semiconductor Laser Annealing Equipment

Semiconductor Laser Dicing Machine

Wafer Laser Marking Machine

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

TRUMPF

Coherent

TOPTICA Photonics AG

MKS (Spectra-Physics)

IPG Photonics

Amplitude

Lumentum Operations LLC

Laser Quantum (Novanta)

CryLas

OXIDE Corporation

Advanced Optowave Corporation

Hamamatsu

EO Technics

Nireco

Shanghai Precilasers

Inno Laser

Beijing Grace Laser technology

Focuslight Technologies Inc.

HGLaser Engineering

Key Questions Addressed in this Report

What is the 10-year outlook for the global Laser for Semiconductor Equipment market?

What factors are driving Laser for Semiconductor Equipment market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Laser for Semiconductor Equipment market opportunities vary by end market size?

How does Laser for Semiconductor Equipment break out by Type, by Application?

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