

# Global Semiconductor Laser Annealing Market Growth 2024-2030

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## Abstracts

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Laser annealing equipment refers to a special equipment that uses high-energy laser beams to automatically anneal wafers. Its main function is to project a laser beam spot with a specific shape and uniform energy distribution onto a semiconductor wafer, which is carried and absorbed by a motion table for scanning. In order to complete the annealing process of the entire wafer.

The global Semiconductor Laser Annealing market size is projected to grow from US\$ 880 million in 2024 to US\$ 1425 million in 2030; it is expected to grow at a CAGR of 8.4% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global Semiconductor Laser Annealing 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 Semiconductor Laser Annealing portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique

position in an accelerating global Semiconductor Laser Annealing market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Laser Annealing 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 Semiconductor Laser Annealing.

The core manufacturers of global semiconductor laser annealing include Mitsui Group (JSW), Sumitomo Heavy Industries, SCREEN Semiconductor Solutions, Veeco, Applied Materials and Hitachi, etc. The top three manufacturers account for approximately 63% of the global share. The Asia-Pacific region is the world's largest market, accounting for nearly 72% of the market share.

In terms of product type, Power Laser Annealing Equipment occupies a dominant position, accounting for 54% of the market share. At the same time, in terms of application, power semiconductors are the largest application field, accounting for 55%.

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

Segmentation by Type:

Power Laser Annealing Equipment

IC Front-end Laser Annealing Equipment

Segmentation by Application:

Power Semiconductor

Advanced Process Chip

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.

Mitsui Group (JSW)

Sumitomo Heavy Industries

SCREEN Semiconductor Solutions

Veeco

Applied Materials

Hitachi

YAC BEAM

Shanghai Micro Electronics Equipment

EO Technics

Beijing U-PRECISION Tech

Chengdu Laipu Technology

Hans DSI

ETA Semitech

## Key Questions Addressed in this Report

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

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

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

How do Semiconductor Laser Annealing market opportunities vary by end market size?

How does Semiconductor Laser Annealing break out by Type, by Application?

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