

# Global FIB and FIB-SEM for Semiconductor Market Growth 2024-2030

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## Abstracts

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The global FIB and FIB-SEM for Semiconductor market size is projected to grow from US\$ 245 million in 2024 to US\$ 349 million in 2030; it is expected to grow at a CAGR of 6.1% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global FIB and FIB-SEM for Semiconductor 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 FIB and FIB-SEM for Semiconductor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global FIB and FIB-SEM for Semiconductor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for FIB and FIB-SEM for Semiconductor 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 FIB and FIB-SEM for Semiconductor.

FIB uses an electric lens to focus an ion beam into a very small size ion beam to bombard the material surface to achieve material stripping, deposition, implantation, cutting and modification. The FIB-SEM is an electron microscope system that integrates electron beams and ion beams. The SEM lens tube provides high-resolution imaging capabilities, and the FIB lens tube can process samples while imaging. At present, the core suppliers around the world are mainly Thermo Fisher, Hitachi High-Tech, JEOL, Zeiss, etc.

In the semiconductor market, FIB and FIB-SEM are usually used in IC chips, semiconductor devices, advanced packaging and other fields. Common products include Thermo Fisher's Helios™ G4 and Hitachi High-Tech's Ethos NX5000. Globally, TOP3 companies account for more than 80% of the FIB and FIB-SEM system market, and the market is mainly concentrated in leading companies.

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

Segmentation by Type:

Ga Ion Source

Non-Ga Ion Source

Segmentation by Application:

Chip

Semiconductor Device

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.

Thermo Fisher Scientific

Hitachi High-Tech

JEOL

Zeiss

Tescan Group

Raith

zeroK NanoTech

### Key Questions Addressed in this Report

What is the 10-year outlook for the global FIB and FIB-SEM for Semiconductor market?

What factors are driving FIB and FIB-SEM for Semiconductor market growth, globally and by region?

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

How do FIB and FIB-SEM for Semiconductor market opportunities vary by end market

size?

How does FIB and FIB-SEM for Semiconductor break out by Type, by Application?

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