

# Global Focused Ion Beam (FIB) Systems Market Growth 2024-2030

https://marketpublishers.com/r/G8618F4B9982EN.html

Date: May 2024

Pages: 112

Price: US\$ 3,660.00 (Single User License)

ID: G8618F4B9982EN

# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

Focused ion beam, also known as FIB, is a technique used particularly in the semiconductor industry, Deposition and increasingly in the biological field for site-specific analysis, deposition, and ablation of materials. FIB systems operate in a similar fashion to a scanning electron microscope (SEM) except, rather than a beam of electrons and as the name implies, FIB systems use a finely focused beam of ions (usually gallium) that can be operated at low beam currents for imaging or at high beam currents for site specific sputtering or milling.

The global Focused Ion Beam (FIB) Systems market size is projected to grow from US\$ 1038.9 million in 2023 to US\$ 1333.5 million in 2030; it is expected to grow at a CAGR of 3.6% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global Focused Ion Beam (FIB) Systems 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



Focused Ion Beam (FIB) Systems portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Focused Ion Beam (FIB) Systems market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Focused Ion Beam (FIB) Systems 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 Focused Ion Beam (FIB) Systems.

Global Focused Ion Beam (FIB) key players include FEI, Carl Zeiss, Hitachi High-Technologies, JEOL, TESCAN, etc. Global top five manufacturers hold a share about 99%. Europe is the largest market, with a share about 35%, followed by USA, with a share about 25 percent. In terms of product, FIB-SEM is the largest segment, with a share about 90%. And in terms of application, the largest application is Etching, followed by Deposition, Imaging, etc.

This report presents a comprehensive overview, market shares, and growth opportunities of Focused Ion Beam (FIB) Systems market by product type, application, key manufacturers and key regions and countries.

Segmentation	bv	tvpe
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Gallium Ion Sources

Gold Ion Sources

Iridium Ion Sources

Others

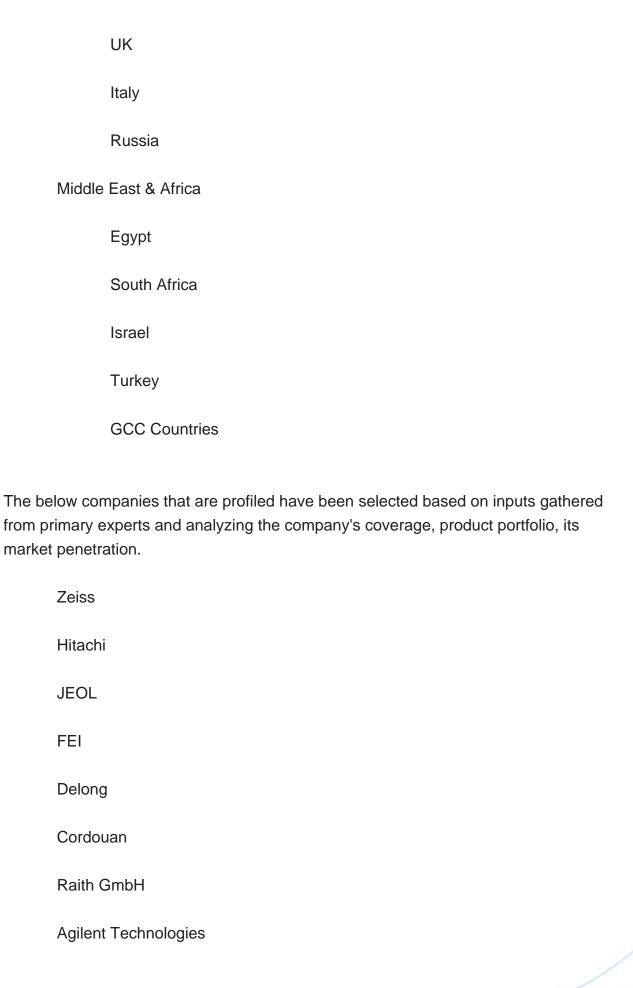
Segmentation by application

Semiconductor Industry



Materia	als Industry
Biologi	cal Industry
Others	
This report als	o splits the market by region:
Americ	cas
	United States
	Canada
	Mexico
	Brazil
APAC	
	China
	Japan
	Korea
	Southeast Asia
	India
	Australia
Europe	9
	Germany
	France







Advantest Corp		
Tescan		
Phenom-World		

Key Questions Addressed in this Report

What is the 10-year outlook for the global Focused Ion Beam (FIB) Systems market?

What factors are driving Focused Ion Beam (FIB) Systems market growth, globally and by region?

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

How do Focused Ion Beam (FIB) Systems market opportunities vary by end market size?

How does Focused Ion Beam (FIB) Systems break out type, application?



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