

# Global Equipment Front End Module (EFEM) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Equipment Front End Module (EFEM) market size was valued at USD 578.4 million in 2023 and is forecast to a readjusted size of USD 766.5 million by 2030 with a CAGR of 4.1% during review period.

The key global manufacturers of Equipment Front End Module (EFEM) are Brooks Automation, RORZE, Nidec (Genmark Automation), Hirata, Siasun Robot & Automation, Beijing Heqi, and Shanghai Fortrend Technology. The top two manufacturers together account for more than 60% of the market share, with the largest manufacturer being RORZE, with a 35% of market share. The global production area is mainly distributed in the United States, Europe, China, Japan, Korea, Southeast Asia and other regions. Among them, Japan is the largest production region, occupying 40% of the market share. In terms of its product categories, 3 port EFEM holds 50% of the market share, while 2 port and 4 port hold 20% and 30%, respectively. In terms of its downstream industry, 300mm wafers occupy the main market share, accounting for 95%.

The Global Info Research report includes an overview of the development of the Equipment Front End Module (EFEM) industry chain, the market status of 200mm Wafer (2 Port EFEM, 3 Port EFEM), 300mm Wafer (2 Port EFEM, 3 Port EFEM), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Equipment Front End Module (EFEM).

Regionally, the report analyzes the Equipment Front End Module (EFEM) markets in key regions. North America and Europe are experiencing steady growth, driven by

government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Equipment Front End Module (EFEM) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Equipment Front End Module (EFEM) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Equipment Front End Module (EFEM) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., 2 Port EFEM, 3 Port EFEM).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Equipment Front End Module (EFEM) market.

**Regional Analysis:** The report involves examining the Equipment Front End Module (EFEM) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Equipment Front End Module (EFEM) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Equipment Front End Module (EFEM):

**Company Analysis:** Report covers individual Equipment Front End Module (EFEM) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios,

partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Equipment Front End Module (EFEM) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (200mm Wafer, 300mm Wafer).

**Technology Analysis:** Report covers specific technologies relevant to Equipment Front End Module (EFEM). It assesses the current state, advancements, and potential future developments in Equipment Front End Module (EFEM) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Equipment Front End Module (EFEM) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Equipment Front End Module (EFEM) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

2 Port EFEM

3 Port EFEM

4 Port EFEM

### Market segment by Application

200mm Wafer

300mm Wafer

450mm Wafer

#### Major players covered

Brooks Automation

RORZE

Nidec(Genmark Automation)

Kensington

Hirata

Fala Technologies

Milara

Robots and Design

Siasun Robot & Automation

Beijing Heqi

Shanghai Fortrend Technology

Sineva

Beijing U-PRECISION TECH

Beijing REJE

HongHu (Suzhou) Semiconductor Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Equipment Front End Module (EFEM) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Equipment Front End Module (EFEM), with price, sales, revenue and global market share of Equipment Front End Module (EFEM) from 2019 to 2024.

Chapter 3, the Equipment Front End Module (EFEM) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Equipment Front End Module (EFEM) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Equipment Front End Module (EFEM) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Equipment Front End Module (EFEM).

Chapter 14 and 15, to describe Equipment Front End Module (EFEM) sales channel, distributors, customers, research findings and conclusion.

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