

Global EFEM & Sorters Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G240878B6722EN.html>

Date: January 2024

Pages: 153

Price: US\$ 3,480.00 (Single User License)

ID: G240878B6722EN

Abstracts

According to our (Global Info Research) latest study, the global EFEM & Sorters market size was valued at USD 936 million in 2023 and is forecast to a readjusted size of USD 1278.5 million by 2030 with a CAGR of 4.6% during review period.

An Equipment Front End Module (EFEM) is the mainstay of semiconductor automation, shuffling silicon wafers between ultra-clean storage carriers and a variety of processing, measurement and testing systems. The robotics and peripheral equipment used in the semiconductor wafer processing environment work with unbelievable precision and speed.

Global key players of EFEM & Sorters include RORZE Corporation, Brooks Automation and Hirata Corporation. Global top 3 manufacturers hold a share about 60%. The global origins are mainly distributed in North America, Korea, Japan, China, Southeast Asia, Taiwan (China), etc., of which Southeast Asia is the largest production region, occupying 27% of the market share. In terms of product, EFEM is the largest segment, with a share about 75%. And in terms of application, the largest application is 300mm wafer, with a share over 95%.

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

Regionally, the report analyzes the EFEM & Sorters 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 EFEM & Sorters market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the EFEM & Sorters 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 EFEM & Sorters 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., EFEM, Sorters).

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 EFEM & Sorters market.

Regional Analysis: The report involves examining the EFEM & Sorters 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 EFEM & Sorters market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to EFEM & Sorters:

Company Analysis: Report covers individual EFEM & Sorters 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 EFEM & Sorters This may involve surveys, interviews, and analysis of

consumer reviews and feedback from different by Wafer Size (300mm Wafer, 200mm Wafer).

Technology Analysis: Report covers specific technologies relevant to EFEM & Sorters. It assesses the current state, advancements, and potential future developments in EFEM & Sorters areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the EFEM & Sorters 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

EFEM & Sorters market is split by Type and by Wafer Size. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Wafer Size in terms of volume and value.

Market segment by Type

EFEM

Sorters

Market segment by Wafer Size

300mm Wafer

200mm Wafer

Others

Major players covered

RORZE Corporation

DAIHEN Corporation

Hirata Corporation

Sinfonia Technology

Nidec (Genmark Automation)

JEL Corporation

Cymechs Inc

Robostar

Robots and Design (RND)

RAONTEC Inc

KORO

Brooks Automation

Kensington Laboratories

Quartet Mechanics

Milara Inc.

RECIF Technologies

Sanwa Engineering Corporation

HIWIN TECHNOLOGIES

Siasun Robot & Automation

Beijing U-PRECISION TECH

Beijing Jingyi Automation Equipment Technology

Shanghai Guona Semiconductor

Shanghai Fortrend Technology

Shanghai MICSON Industrial Automation

Shanghai HIROKAWA

HongHu (Suzhou) Semiconductor Technology

Beijing Sineva Intelligent Machine

Wisdom Semiconductor Technology

Wuxi Xinghui Technology

Mindox Techno

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 EFEM & Sorters product scope, market overview, market

estimation caveats and base year.

Chapter 2, to profile the top manufacturers of EFEM & Sorters, with price, sales, revenue and global market share of EFEM & Sorters from 2019 to 2024.

Chapter 3, the EFEM & Sorters competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the EFEM & Sorters 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 wafer size, with sales market share and growth rate by type, wafer size, 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 EFEM & Sorters market forecast, by regions, type and wafer size, 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 EFEM & Sorters.

Chapter 14 and 15, to describe EFEM & Sorters sales channel, distributors, customers, research findings and conclusion.

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