

Global EFEM & Sorters 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 EFEM & Sorters market size was valued at US\$ 900 million in 2023 and is forecast to a readjusted size of USD 1284 million by 2030 with a CAGR of 5.7% during review period.

This report studies the Equipment Front End Module (EFEM) and wafer sorters. 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%.

This report is a detailed and comprehensive analysis for global EFEM & Sorters market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Wafer Size. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global EFEM & Sorters market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2019-2030

Global EFEM & Sorters market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2019-2030

Global EFEM & Sorters market size and forecasts, by Type and by Wafer Size, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2019-2030

Global EFEM & Sorters market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for EFEM & Sorters

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global EFEM & Sorters market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include RORZE Corporation, DAIHEN Corporation, Hirata Corporation, Sinfonia Technology, Nidec (Genmark Automation), JEL Corporation, Cymechs Inc, Robostar, Robots and Design (RND), RAONTEC Inc, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- EFEM (Equipment Front End Module)
- Wafer 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 Incorporated
- Accuron Technologies (RECIF Technologies)
- Sanwa Engineering Corporation
- HIWIN TECHNOLOGIES
- Siasun Robot & Automation
- 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
- PHT Inc.
- SK Enpulse
- Huaxin (Jiaxing) Intelligent Manufacturing
- Tazmo

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 quantity, 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 by Wafer Size, with sales market share and growth rate by Type, by 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 2019 to 2024. and EFEM & Sorters market forecast, by regions, by Type, and by 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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