

# EFEM Industry Research Report 2023

<https://marketpublishers.com/r/E09A724759F1EN.html>

Date: August 2023

Pages: 92

Price: US\$ 2,950.00 (Single User License)

ID: E09A724759F1EN

## Abstracts

### Highlights

The global EFEM market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

Global Equipment Front End Module key players include Brooks Automation, Genmark Automation, Kensington, etc. Global top 3 manufacturers hold a share over 58%.

China Taiwan is the largest market, with a share about 24%, followed by South Korea and China, both have a share about 42 percent.

In terms of product, Three Station EFEM is the largest segment, with a share over 52%. And in terms of application, the largest application is 300mm Wafer.

### Report Scope

This report aims to provide a comprehensive presentation of the global market for EFEM, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding EFEM.

The EFEM market size, estimations, and forecasts are provided in terms of output/shipments (Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global EFEM market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the EFEM manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Brooks Automation

Genmark Automation

Kensington

Hirata

Fala Technologies

Milara

Robots and Design

Siasun

Heqi-tech

Fortrend

Sineva

U-precision

Reje Auto

## Product Type Insights

Global markets are presented by EFEM type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the EFEM are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

## EFEM segment by Type

Two Load Ports EFEM

Three Load Ports EFEM

Four Load Ports EFEM

## Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the EFEM market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that

are driving the EFEM market.

### EFEM segment by Application

200mm Wafer

300mm Wafer

450mm Wafer

### Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

#### North America

United States

Canada

#### Europe

Germany

France

U.K.

Italy

Russia

#### Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

#### Latin America

Mexico

Brazil

Argentina

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players.

This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the EFEM market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

## Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global EFEM market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of EFEM and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the EFEM industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of EFEM.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of EFEM manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of EFEM by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of EFEM in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find

the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.



## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 EFEM by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
    - 1.2.2 Two Load Ports EFEM
    - 1.2.3 Three Load Ports EFEM
    - 1.2.4 Four Load Ports EFEM
- 2.3 EFEM by Application
  - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
    - 2.3.2 200mm Wafer
    - 2.3.3 300mm Wafer
    - 2.3.4 450mm Wafer
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global EFEM Production Value Estimates and Forecasts (2018-2029)
  - 2.4.2 Global EFEM Production Capacity Estimates and Forecasts (2018-2029)
  - 2.4.3 Global EFEM Production Estimates and Forecasts (2018-2029)
  - 2.4.4 Global EFEM Market Average Price (2018-2029)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global EFEM Production by Manufacturers (2018-2023)
- 3.2 Global EFEM Production Value by Manufacturers (2018-2023)
- 3.3 Global EFEM Average Price by Manufacturers (2018-2023)
- 3.4 Global EFEM Industry Manufacturers Ranking, 2021 VS 2022 VS 2023
- 3.5 Global EFEM Key Manufacturers, Manufacturing Sites & Headquarters

- 3.6 Global EFEM Manufacturers, Product Type & Application
- 3.7 Global EFEM Manufacturers, Date of Enter into This Industry
- 3.8 Global EFEM Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Brooks Automation

- 4.1.1 Brooks Automation EFEM Company Information
- 4.1.2 Brooks Automation EFEM Business Overview
- 4.1.3 Brooks Automation EFEM Production, Value and Gross Margin (2018-2023)
- 4.1.4 Brooks Automation Product Portfolio
- 4.1.5 Brooks Automation Recent Developments

### 4.2 Genmark Automation

- 4.2.1 Genmark Automation EFEM Company Information
- 4.2.2 Genmark Automation EFEM Business Overview
- 4.2.3 Genmark Automation EFEM Production, Value and Gross Margin (2018-2023)
- 4.2.4 Genmark Automation Product Portfolio
- 4.2.5 Genmark Automation Recent Developments

### 4.3 Kensington

- 4.3.1 Kensington EFEM Company Information
- 4.3.2 Kensington EFEM Business Overview
- 4.3.3 Kensington EFEM Production, Value and Gross Margin (2018-2023)
- 4.3.4 Kensington Product Portfolio
- 4.3.5 Kensington Recent Developments

### 4.4 Hirata

- 4.4.1 Hirata EFEM Company Information
- 4.4.2 Hirata EFEM Business Overview
- 4.4.3 Hirata EFEM Production, Value and Gross Margin (2018-2023)
- 4.4.4 Hirata Product Portfolio
- 4.4.5 Hirata Recent Developments

### 4.5 Fala Technologies

- 4.5.1 Fala Technologies EFEM Company Information
- 4.5.2 Fala Technologies EFEM Business Overview
- 4.5.3 Fala Technologies EFEM Production, Value and Gross Margin (2018-2023)
- 4.5.4 Fala Technologies Product Portfolio
- 4.5.5 Fala Technologies Recent Developments

### 4.6 Milara

- 4.6.1 Milara EFEM Company Information

- 4.6.2 Milara EFEM Business Overview
- 4.6.3 Milara EFEM Production, Value and Gross Margin (2018-2023)
- 4.6.4 Milara Product Portfolio
- 4.6.5 Milara Recent Developments
- 4.7 Robots and Design
  - 4.7.1 Robots and Design EFEM Company Information
  - 4.7.2 Robots and Design EFEM Business Overview
  - 4.7.3 Robots and Design EFEM Production, Value and Gross Margin (2018-2023)
  - 4.7.4 Robots and Design Product Portfolio
  - 4.7.5 Robots and Design Recent Developments
- 4.8 Siasun
  - 4.8.1 Siasun EFEM Company Information
  - 4.8.2 Siasun EFEM Business Overview
  - 4.8.3 Siasun EFEM Production, Value and Gross Margin (2018-2023)
  - 4.8.4 Siasun Product Portfolio
  - 4.8.5 Siasun Recent Developments
- 4.9 Heqi-tech
  - 4.9.1 Heqi-tech EFEM Company Information
  - 4.9.2 Heqi-tech EFEM Business Overview
  - 4.9.3 Heqi-tech EFEM Production, Value and Gross Margin (2018-2023)
  - 4.9.4 Heqi-tech Product Portfolio
  - 4.9.5 Heqi-tech Recent Developments
- 4.10 Fortrend
  - 4.10.1 Fortrend EFEM Company Information
  - 4.10.2 Fortrend EFEM Business Overview
  - 4.10.3 Fortrend EFEM Production, Value and Gross Margin (2018-2023)
  - 4.10.4 Fortrend Product Portfolio
  - 4.10.5 Fortrend Recent Developments
- 7.11 Sineva
  - 7.11.1 Sineva EFEM Company Information
  - 7.11.2 Sineva EFEM Business Overview
  - 4.11.3 Sineva EFEM Production, Value and Gross Margin (2018-2023)
  - 7.11.4 Sineva Product Portfolio
  - 7.11.5 Sineva Recent Developments
- 7.12 U-precision
  - 7.12.1 U-precision EFEM Company Information
  - 7.12.2 U-precision EFEM Business Overview
  - 7.12.3 U-precision EFEM Production, Value and Gross Margin (2018-2023)
  - 7.12.4 U-precision Product Portfolio

- 7.12.5 U-precision Recent Developments
- 7.13 Reje Auto
  - 7.13.1 Reje Auto EFEM Company Information
  - 7.13.2 Reje Auto EFEM Business Overview
  - 7.13.3 Reje Auto EFEM Production, Value and Gross Margin (2018-2023)
  - 7.13.4 Reje Auto Product Portfolio
  - 7.13.5 Reje Auto Recent Developments

## **5 GLOBAL EFEM PRODUCTION BY REGION**

- 5.1 Global EFEM Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.2 Global EFEM Production by Region: 2018-2029
  - 5.2.1 Global EFEM Production by Region: 2018-2023
  - 5.2.2 Global EFEM Production Forecast by Region (2024-2029)
- 5.3 Global EFEM Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 5.4 Global EFEM Production Value by Region: 2018-2029
  - 5.4.1 Global EFEM Production Value by Region: 2018-2023
  - 5.4.2 Global EFEM Production Value Forecast by Region (2024-2029)
- 5.5 Global EFEM Market Price Analysis by Region (2018-2023)
- 5.6 Global EFEM Production and Value, YOY Growth
  - 5.6.1 North America EFEM Production Value Estimates and Forecasts (2018-2029)
  - 5.6.2 Europe EFEM Production Value Estimates and Forecasts (2018-2029)
  - 5.6.3 China EFEM Production Value Estimates and Forecasts (2018-2029)
  - 5.6.4 Japan EFEM Production Value Estimates and Forecasts (2018-2029)
  - 5.6.5 South Korea EFEM Production Value Estimates and Forecasts (2018-2029)

## **6 GLOBAL EFEM CONSUMPTION BY REGION**

- 6.1 Global EFEM Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 6.2 Global EFEM Consumption by Region (2018-2029)
  - 6.2.1 Global EFEM Consumption by Region: 2018-2029
  - 6.2.2 Global EFEM Forecasted Consumption by Region (2024-2029)
- 6.3 North America
  - 6.3.1 North America EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
  - 6.3.2 North America EFEM Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe EFEM Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific EFEM Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa EFEM Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global EFEM Production by Type (2018-2029)

7.1.1 Global EFEM Production by Type (2018-2029) & (Units)

7.1.2 Global EFEM Production Market Share by Type (2018-2029)

7.2 Global EFEM Production Value by Type (2018-2029)

7.2.1 Global EFEM Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global EFEM Production Value Market Share by Type (2018-2029)

7.3 Global EFEM Price by Type (2018-2029)

## **8 SEGMENT BY APPLICATION**

### 8.1 Global EFEM Production by Application (2018-2029)

8.1.1 Global EFEM Production by Application (2018-2029) & (Units)

8.1.2 Global EFEM Production by Application (2018-2029) & (Units)

### 8.2 Global EFEM Production Value by Application (2018-2029)

8.2.1 Global EFEM Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global EFEM Production Value Market Share by Application (2018-2029)

### 8.3 Global EFEM Price by Application (2018-2029)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

### 9.1 EFEM Value Chain Analysis

9.1.1 EFEM Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 EFEM Production Mode & Process

### 9.2 EFEM Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 EFEM Distributors

9.2.3 EFEM Customers

## **10 GLOBAL EFEM ANALYZING MARKET DYNAMICS**

### 10.1 EFEM Industry Trends

### 10.2 EFEM Industry Drivers

### 10.3 EFEM Industry Opportunities and Challenges

### 10.4 EFEM Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## List Of Tables

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global EFEM Production by Manufacturers (Units) & (2018-2023)

Table 6. Global EFEM Production Market Share by Manufacturers

Table 7. Global EFEM Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global EFEM Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global EFEM Average Price (K US\$/Unit) of Key Manufacturers (2018-2023)

Table 10. Global EFEM Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global EFEM Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global EFEM by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Brooks Automation EFEM Company Information

Table 16. Brooks Automation Business Overview

Table 17. Brooks Automation EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 18. Brooks Automation Product Portfolio

Table 19. Brooks Automation Recent Developments

Table 20. Genmark Automation EFEM Company Information

Table 21. Genmark Automation Business Overview

Table 22. Genmark Automation EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 23. Genmark Automation Product Portfolio

Table 24. Genmark Automation Recent Developments

Table 25. Kensington EFEM Company Information

Table 26. Kensington Business Overview

Table 27. Kensington EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 28. Kensington Product Portfolio

Table 29. Kensington Recent Developments

Table 30. Hirata EFEM Company Information

Table 31. Hirata Business Overview

Table 32. Hirata EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 33. Hirata Product Portfolio

Table 34. Hirata Recent Developments

Table 35. Fala Technologies EFEM Company Information

Table 36. Fala Technologies Business Overview

Table 37. Fala Technologies EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 38. Fala Technologies Product Portfolio

Table 39. Fala Technologies Recent Developments

Table 40. Milara EFEM Company Information

Table 41. Milara Business Overview

Table 42. Milara EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 43. Milara Product Portfolio

Table 44. Milara Recent Developments

Table 45. Robots and Design EFEM Company Information

Table 46. Robots and Design Business Overview

Table 47. Robots and Design EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 48. Robots and Design Product Portfolio

Table 49. Robots and Design Recent Developments

Table 50. Siasun EFEM Company Information

Table 51. Siasun Business Overview

Table 52. Siasun EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 53. Siasun Product Portfolio

Table 54. Siasun Recent Developments

Table 55. Heqi-tech EFEM Company Information

Table 56. Heqi-tech Business Overview

Table 57. Heqi-tech EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 58. Heqi-tech Product Portfolio

Table 59. Heqi-tech Recent Developments

Table 60. Fortrend EFEM Company Information

Table 61. Fortrend Business Overview

Table 62. Fortrend EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)



- Table 63. Fortrend Product Portfolio
- Table 64. Fortrend Recent Developments
- Table 65. Sineva EFEM Company Information
- Table 66. Sineva Business Overview
- Table 67. Sineva EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)
- Table 68. Sineva Product Portfolio
- Table 69. Sineva Recent Developments
- Table 70. U-precision EFEM Company Information
- Table 71. U-precision Business Overview
- Table 72. U-precision EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)
- Table 73. U-precision Product Portfolio
- Table 74. U-precision Recent Developments
- Table 75. Reje Auto EFEM Company Information
- Table 76. Reje Auto Business Overview
- Table 77. Reje Auto EFEM Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)
- Table 78. Reje Auto Product Portfolio
- Table 79. Reje Auto Recent Developments
- Table 80. Global EFEM Production Comparison by Region: 2018 VS 2022 VS 2029 (Units)
- Table 81. Global EFEM Production by Region (2018-2023) & (Units)
- Table 82. Global EFEM Production Market Share by Region (2018-2023)
- Table 83. Global EFEM Production Forecast by Region (2024-2029) & (Units)
- Table 84. Global EFEM Production Market Share Forecast by Region (2024-2029)
- Table 85. Global EFEM Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 86. Global EFEM Production Value by Region (2018-2023) & (US\$ Million)
- Table 87. Global EFEM Production Value Market Share by Region (2018-2023)
- Table 88. Global EFEM Production Value Forecast by Region (2024-2029) & (US\$ Million)
- Table 89. Global EFEM Production Value Market Share Forecast by Region (2024-2029)
- Table 90. Global EFEM Market Average Price (K US\$/Unit) by Region (2018-2023)
- Table 91. Global EFEM Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Units)
- Table 92. Global EFEM Consumption by Region (2018-2023) & (Units)
- Table 93. Global EFEM Consumption Market Share by Region (2018-2023)

- Table 94. Global EFEM Forecasted Consumption by Region (2024-2029) & (Units)
- Table 95. Global EFEM Forecasted Consumption Market Share by Region (2024-2029)
- Table 96. North America EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)
- Table 97. North America EFEM Consumption by Country (2018-2023) & (Units)
- Table 98. North America EFEM Consumption by Country (2024-2029) & (Units)
- Table 99. Europe EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)
- Table 100. Europe EFEM Consumption by Country (2018-2023) & (Units)
- Table 101. Europe EFEM Consumption by Country (2024-2029) & (Units)
- Table 102. Asia Pacific EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)
- Table 103. Asia Pacific EFEM Consumption by Country (2018-2023) & (Units)
- Table 104. Asia Pacific EFEM Consumption by Country (2024-2029) & (Units)
- Table 105. Latin America, Middle East & Africa EFEM Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)
- Table 106. Latin America, Middle East & Africa EFEM Consumption by Country (2018-2023) & (Units)
- Table 107. Latin America, Middle East & Africa EFEM Consumption by Country (2024-2029) & (Units)
- Table 108. Global EFEM Production by Type (2018-2023) & (Units)
- Table 109. Global EFEM Production by Type (2024-2029) & (Units)
- Table 110. Global EFEM Production Market Share by Type (2018-2023)
- Table 111. Global EFEM Production Market Share by Type (2024-2029)
- Table 112. Global EFEM Production Value by Type (2018-2023) & (US\$ Million)
- Table 113. Global EFEM Production Value by Type (2024-2029) & (US\$ Million)
- Table 114. Global EFEM Production Value Market Share by Type (2018-2023)
- Table 115. Global EFEM Production Value Market Share by Type (2024-2029)
- Table 116. Global EFEM Price by Type (2018-2023) & (K US\$/Unit)
- Table 117. Global EFEM Price by Type (2024-2029) & (K US\$/Unit)
- Table 118. Global EFEM Production by Application (2018-2023) & (Units)
- Table 119. Global EFEM Production by Application (2024-2029) & (Units)
- Table 120. Global EFEM Production Market Share by Application (2018-2023)
- Table 121. Global EFEM Production Market Share by Application (2024-2029)
- Table 122. Global EFEM Production Value by Application (2018-2023) & (US\$ Million)
- Table 123. Global EFEM Production Value by Application (2024-2029) & (US\$ Million)
- Table 124. Global EFEM Production Value Market Share by Application (2018-2023)
- Table 125. Global EFEM Production Value Market Share by Application (2024-2029)
- Table 126. Global EFEM Price by Application (2018-2023) & (K US\$/Unit)

Table 127. Global EFEM Price by Application (2024-2029) & (K US\$/Unit)

Table 128. Key Raw Materials

Table 129. Raw Materials Key Suppliers

Table 130. EFEM Distributors List

Table 131. EFEM Customers List

Table 132. EFEM Industry Trends

Table 133. EFEM Industry Drivers

Table 134. EFEM Industry Restraints

Table 135. Authors List of This Report

## List Of Figures

### LIST OF FIGURES

- Figure 1. Research Methodology
- Figure 2. Research Process
- Figure 3. Key Executives Interviewed
- Figure 4. EFEM Product Picture
- Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
- Figure 6. Two Load Ports EFEM Product Picture
- Figure 7. Three Load Ports EFEM Product Picture
- Figure 8. Four Load Ports EFEM Product Picture
- Figure 9. 200mm Wafer Product Picture
- Figure 10. 300mm Wafer Product Picture
- Figure 11. 450mm Wafer Product Picture
- Figure 12. Global EFEM Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 13. Global EFEM Production Value (2018-2029) & (US\$ Million)
- Figure 14. Global EFEM Production Capacity (2018-2029) & (Units)
- Figure 15. Global EFEM Production (2018-2029) & (Units)
- Figure 16. Global EFEM Average Price (K US\$/Unit) & (2018-2029)
- Figure 17. Global EFEM Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 18. Global EFEM Manufacturers, Date of Enter into This Industry
- Figure 19. Global Top 5 and 10 EFEM Players Market Share by Production Value in 2022
- Figure 20. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 21. Global EFEM Production Comparison by Region: 2018 VS 2022 VS 2029 (Units)
- Figure 22. Global EFEM Production Market Share by Region: 2018 VS 2022 VS 2029
- Figure 23. Global EFEM Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 24. Global EFEM Production Value Market Share by Region: 2018 VS 2022 VS 2029
- Figure 25. North America EFEM Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 26. Europe EFEM Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 27. China EFEM Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 28. Japan EFEM Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 29. South Korea EFEM Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 30. Global EFEM Consumption Comparison by Region: 2018 VS 2022 VS 2029

(Units)

Figure 31. Global EFEM Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 32. North America EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 33. North America EFEM Consumption Market Share by Country (2018-2029)

Figure 34. United States EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 35. Canada EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 36. Europe EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 37. Europe EFEM Consumption Market Share by Country (2018-2029)

Figure 38. Germany EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 39. France EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 40. U.K. EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 41. Italy EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 42. Netherlands EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 43. Asia Pacific EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 44. Asia Pacific EFEM Consumption Market Share by Country (2018-2029)

Figure 45. China EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 46. Japan EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 47. South Korea EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 48. China Taiwan EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 49. Southeast Asia EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 50. India EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 51. Australia EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 52. Latin America, Middle East & Africa EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 53. Latin America, Middle East & Africa EFEM Consumption Market Share by Country (2018-2029)

Figure 54. Mexico EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 55. Brazil EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 56. Turkey EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 57. GCC Countries EFEM Consumption and Growth Rate (2018-2029) & (Units)

Figure 58. Global EFEM Production Market Share by Type (2018-2029)

Figure 59. Global EFEM Production Value Market Share by Type (2018-2029)

Figure 60. Global EFEM Price (K US\$/Unit) by Type (2018-2029)

Figure 61. Global EFEM Production Market Share by Application (2018-2029)

Figure 62. Global EFEM Production Value Market Share by Application (2018-2029)

Figure 63. Global EFEM Price (K US\$/Unit) by Application (2018-2029)

Figure 64. EFEM Value Chain

Figure 65. EFEM Production Mode & Process

Figure 66. Direct Comparison with Distribution Share

Figure 67. Distributors Profiles

Figure 68. EFEM Industry Opportunities and Challenges

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