

Global Wafer Inspection Systems Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Wafer Inspection Systems market size was valued at US\$ million in 2023. With growing demand in downstream market, the Wafer Inspection Systems is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Wafer Inspection Systems market. Wafer Inspection Systems are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Wafer Inspection Systems. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Wafer Inspection Systems market.

Wafer inspection system is a type of equipment which is used for the purpose of inspecting the wafers during the processing of semiconductor like deposition, removing, patterning, and after that modification to find out the fault in semiconductor.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical

regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

Key Features:

The report on Wafer Inspection Systems market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Wafer Inspection Systems market. It may include historical data, market segmentation by Type (e.g., E-beam Detection Technology, Optical Detection Technology), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Wafer Inspection Systems market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Wafer Inspection Systems market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Wafer Inspection Systems industry. This include advancements in Wafer Inspection Systems technology, Wafer Inspection Systems new entrants, Wafer Inspection Systems new investment, and other innovations that are shaping the future of Wafer Inspection Systems.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Wafer Inspection Systems market. It includes factors influencing customer ' purchasing decisions, preferences for Wafer Inspection Systems product.

Government Policies and Incentives: The research report analyse the impact of

government policies and incentives on the Wafer Inspection Systems market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Wafer Inspection Systems market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Wafer Inspection Systems market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Wafer Inspection Systems industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Wafer Inspection Systems market.

Market Segmentation:

Wafer Inspection Systems 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.

Segmentation by type

E-beam Detection Technology

Optical Detection Technology

Segmentation by application

4 inch

6 inch

8 inch

12 inch

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

KLA Corporation

Applied Materials

Hitachi High-Tech

NanoSystem Solutions

Onto Innovation

RSIC scientific instrument

Wuhan Jingce Electronic Technology

Hangzhou Changchuan Technology

Shanghai Micro Electronics Equipment (Group)

Skyverse Technology Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Wafer Inspection Systems market?

What factors are driving Wafer Inspection Systems market growth, globally and by region?

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

How do Wafer Inspection Systems market opportunities vary by end market size?

How does Wafer Inspection Systems break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Wafer Inspection Systems Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Wafer Inspection Systems by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Wafer Inspection Systems by Country/Region, 2019, 2023 & 2030
- 2.2 Wafer Inspection Systems Segment by Type
 - 2.2.1 E-beam Detection Technology
 - 2.2.2 Optical Detection Technology
- 2.3 Wafer Inspection Systems Sales by Type
 - 2.3.1 Global Wafer Inspection Systems Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Wafer Inspection Systems Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Wafer Inspection Systems Sale Price by Type (2019-2024)
- 2.4 Wafer Inspection Systems Segment by Application
 - 2.4.1 4 inch
 - 2.4.2 6 inch
 - 2.4.3 8 inch
 - 2.4.4 12 inch
 - 2.4.5 Others
- 2.5 Wafer Inspection Systems Sales by Application
 - 2.5.1 Global Wafer Inspection Systems Sale Market Share by Application (2019-2024)
 - 2.5.2 Global Wafer Inspection Systems Revenue and Market Share by Application (2019-2024)

2.5.3 Global Wafer Inspection Systems Sale Price by Application (2019-2024)

3 GLOBAL WAFER INSPECTION SYSTEMS BY COMPANY

3.1 Global Wafer Inspection Systems Breakdown Data by Company

3.1.1 Global Wafer Inspection Systems Annual Sales by Company (2019-2024)

3.1.2 Global Wafer Inspection Systems Sales Market Share by Company (2019-2024)

3.2 Global Wafer Inspection Systems Annual Revenue by Company (2019-2024)

3.2.1 Global Wafer Inspection Systems Revenue by Company (2019-2024)

3.2.2 Global Wafer Inspection Systems Revenue Market Share by Company (2019-2024)

3.3 Global Wafer Inspection Systems Sale Price by Company

3.4 Key Manufacturers Wafer Inspection Systems Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Wafer Inspection Systems Product Location Distribution

3.4.2 Players Wafer Inspection Systems Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR WAFER INSPECTION SYSTEMS BY GEOGRAPHIC REGION

4.1 World Historic Wafer Inspection Systems Market Size by Geographic Region (2019-2024)

4.1.1 Global Wafer Inspection Systems Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Wafer Inspection Systems Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Wafer Inspection Systems Market Size by Country/Region (2019-2024)

4.2.1 Global Wafer Inspection Systems Annual Sales by Country/Region (2019-2024)

4.2.2 Global Wafer Inspection Systems Annual Revenue by Country/Region (2019-2024)

4.3 Americas Wafer Inspection Systems Sales Growth

4.4 APAC Wafer Inspection Systems Sales Growth

4.5 Europe Wafer Inspection Systems Sales Growth

4.6 Middle East & Africa Wafer Inspection Systems Sales Growth

5 AMERICAS

5.1 Americas Wafer Inspection Systems Sales by Country

5.1.1 Americas Wafer Inspection Systems Sales by Country (2019-2024)

5.1.2 Americas Wafer Inspection Systems Revenue by Country (2019-2024)

5.2 Americas Wafer Inspection Systems Sales by Type

5.3 Americas Wafer Inspection Systems Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Wafer Inspection Systems Sales by Region

6.1.1 APAC Wafer Inspection Systems Sales by Region (2019-2024)

6.1.2 APAC Wafer Inspection Systems Revenue by Region (2019-2024)

6.2 APAC Wafer Inspection Systems Sales by Type

6.3 APAC Wafer Inspection Systems Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Wafer Inspection Systems by Country

7.1.1 Europe Wafer Inspection Systems Sales by Country (2019-2024)

7.1.2 Europe Wafer Inspection Systems Revenue by Country (2019-2024)

7.2 Europe Wafer Inspection Systems Sales by Type

7.3 Europe Wafer Inspection Systems Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Wafer Inspection Systems by Country

8.1.1 Middle East & Africa Wafer Inspection Systems Sales by Country (2019-2024)

8.1.2 Middle East & Africa Wafer Inspection Systems Revenue by Country
(2019-2024)

8.2 Middle East & Africa Wafer Inspection Systems Sales by Type

8.3 Middle East & Africa Wafer Inspection Systems Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Wafer Inspection Systems

10.3 Manufacturing Process Analysis of Wafer Inspection Systems

10.4 Industry Chain Structure of Wafer Inspection Systems

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Wafer Inspection Systems Distributors

11.3 Wafer Inspection Systems Customer

12 WORLD FORECAST REVIEW FOR WAFER INSPECTION SYSTEMS BY

GEOGRAPHIC REGION

- 12.1 Global Wafer Inspection Systems Market Size Forecast by Region
 - 12.1.1 Global Wafer Inspection Systems Forecast by Region (2025-2030)
 - 12.1.2 Global Wafer Inspection Systems Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Wafer Inspection Systems Forecast by Type
- 12.7 Global Wafer Inspection Systems Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 KLA Corporation
 - 13.1.1 KLA Corporation Company Information
 - 13.1.2 KLA Corporation Wafer Inspection Systems Product Portfolios and Specifications
 - 13.1.3 KLA Corporation Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 KLA Corporation Main Business Overview
 - 13.1.5 KLA Corporation Latest Developments
- 13.2 Applied Materials
 - 13.2.1 Applied Materials Company Information
 - 13.2.2 Applied Materials Wafer Inspection Systems Product Portfolios and Specifications
 - 13.2.3 Applied Materials Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Applied Materials Main Business Overview
 - 13.2.5 Applied Materials Latest Developments
- 13.3 Hitachi High-Tech
 - 13.3.1 Hitachi High-Tech Company Information
 - 13.3.2 Hitachi High-Tech Wafer Inspection Systems Product Portfolios and Specifications
 - 13.3.3 Hitachi High-Tech Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 Hitachi High-Tech Main Business Overview
 - 13.3.5 Hitachi High-Tech Latest Developments

13.4 NanoSystem Solutions

13.4.1 NanoSystem Solutions Company Information

13.4.2 NanoSystem Solutions Wafer Inspection Systems Product Portfolios and Specifications

13.4.3 NanoSystem Solutions Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 NanoSystem Solutions Main Business Overview

13.4.5 NanoSystem Solutions Latest Developments

13.5 Onto Innovation

13.5.1 Onto Innovation Company Information

13.5.2 Onto Innovation Wafer Inspection Systems Product Portfolios and Specifications

13.5.3 Onto Innovation Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Onto Innovation Main Business Overview

13.5.5 Onto Innovation Latest Developments

13.6 RSIC scientific instrument

13.6.1 RSIC scientific instrument Company Information

13.6.2 RSIC scientific instrument Wafer Inspection Systems Product Portfolios and Specifications

13.6.3 RSIC scientific instrument Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 RSIC scientific instrument Main Business Overview

13.6.5 RSIC scientific instrument Latest Developments

13.7 Wuhan Jingce Electronic Technology

13.7.1 Wuhan Jingce Electronic Technology Company Information

13.7.2 Wuhan Jingce Electronic Technology Wafer Inspection Systems Product Portfolios and Specifications

13.7.3 Wuhan Jingce Electronic Technology Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Wuhan Jingce Electronic Technology Main Business Overview

13.7.5 Wuhan Jingce Electronic Technology Latest Developments

13.8 Hangzhou Changchuan Technology

13.8.1 Hangzhou Changchuan Technology Company Information

13.8.2 Hangzhou Changchuan Technology Wafer Inspection Systems Product Portfolios and Specifications

13.8.3 Hangzhou Changchuan Technology Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Hangzhou Changchuan Technology Main Business Overview

- 13.8.5 Hangzhou Changchuan Technology Latest Developments
- 13.9 Shanghai Micro Electronics Equipment (Group)
 - 13.9.1 Shanghai Micro Electronics Equipment (Group) Company Information
 - 13.9.2 Shanghai Micro Electronics Equipment (Group) Wafer Inspection Systems Product Portfolios and Specifications
 - 13.9.3 Shanghai Micro Electronics Equipment (Group) Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 Shanghai Micro Electronics Equipment (Group) Main Business Overview
 - 13.9.5 Shanghai Micro Electronics Equipment (Group) Latest Developments
- 13.10 Skyverse Technology Co., Ltd.
 - 13.10.1 Skyverse Technology Co., Ltd. Company Information
 - 13.10.2 Skyverse Technology Co., Ltd. Wafer Inspection Systems Product Portfolios and Specifications
 - 13.10.3 Skyverse Technology Co., Ltd. Wafer Inspection Systems Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.10.4 Skyverse Technology Co., Ltd. Main Business Overview
 - 13.10.5 Skyverse Technology Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Wafer Inspection Systems Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Wafer Inspection Systems Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of E-beam Detection Technology
- Table 4. Major Players of Optical Detection Technology
- Table 5. Global Wafer Inspection Systems Sales by Type (2019-2024) & (Units)
- Table 6. Global Wafer Inspection Systems Sales Market Share by Type (2019-2024)
- Table 7. Global Wafer Inspection Systems Revenue by Type (2019-2024) & (\$ million)
- Table 8. Global Wafer Inspection Systems Revenue Market Share by Type (2019-2024)
- Table 9. Global Wafer Inspection Systems Sale Price by Type (2019-2024) & (K US\$/Unit)
- Table 10. Global Wafer Inspection Systems Sales by Application (2019-2024) & (Units)
- Table 11. Global Wafer Inspection Systems Sales Market Share by Application (2019-2024)
- Table 12. Global Wafer Inspection Systems Revenue by Application (2019-2024)
- Table 13. Global Wafer Inspection Systems Revenue Market Share by Application (2019-2024)
- Table 14. Global Wafer Inspection Systems Sale Price by Application (2019-2024) & (K US\$/Unit)
- Table 15. Global Wafer Inspection Systems Sales by Company (2019-2024) & (Units)
- Table 16. Global Wafer Inspection Systems Sales Market Share by Company (2019-2024)
- Table 17. Global Wafer Inspection Systems Revenue by Company (2019-2024) (\$ Millions)
- Table 18. Global Wafer Inspection Systems Revenue Market Share by Company (2019-2024)
- Table 19. Global Wafer Inspection Systems Sale Price by Company (2019-2024) & (K US\$/Unit)
- Table 20. Key Manufacturers Wafer Inspection Systems Producing Area Distribution and Sales Area
- Table 21. Players Wafer Inspection Systems Products Offered
- Table 22. Wafer Inspection Systems Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Wafer Inspection Systems Sales by Geographic Region (2019-2024) & (Units)

Table 26. Global Wafer Inspection Systems Sales Market Share Geographic Region (2019-2024)

Table 27. Global Wafer Inspection Systems Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Wafer Inspection Systems Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Wafer Inspection Systems Sales by Country/Region (2019-2024) & (Units)

Table 30. Global Wafer Inspection Systems Sales Market Share by Country/Region (2019-2024)

Table 31. Global Wafer Inspection Systems Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Wafer Inspection Systems Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Wafer Inspection Systems Sales by Country (2019-2024) & (Units)

Table 34. Americas Wafer Inspection Systems Sales Market Share by Country (2019-2024)

Table 35. Americas Wafer Inspection Systems Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Wafer Inspection Systems Revenue Market Share by Country (2019-2024)

Table 37. Americas Wafer Inspection Systems Sales by Type (2019-2024) & (Units)

Table 38. Americas Wafer Inspection Systems Sales by Application (2019-2024) & (Units)

Table 39. APAC Wafer Inspection Systems Sales by Region (2019-2024) & (Units)

Table 40. APAC Wafer Inspection Systems Sales Market Share by Region (2019-2024)

Table 41. APAC Wafer Inspection Systems Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Wafer Inspection Systems Revenue Market Share by Region (2019-2024)

Table 43. APAC Wafer Inspection Systems Sales by Type (2019-2024) & (Units)

Table 44. APAC Wafer Inspection Systems Sales by Application (2019-2024) & (Units)

Table 45. Europe Wafer Inspection Systems Sales by Country (2019-2024) & (Units)

Table 46. Europe Wafer Inspection Systems Sales Market Share by Country (2019-2024)

Table 47. Europe Wafer Inspection Systems Revenue by Country (2019-2024) & (\$

Millions)

Table 48. Europe Wafer Inspection Systems Revenue Market Share by Country (2019-2024)

Table 49. Europe Wafer Inspection Systems Sales by Type (2019-2024) & (Units)

Table 50. Europe Wafer Inspection Systems Sales by Application (2019-2024) & (Units)

Table 51. Middle East & Africa Wafer Inspection Systems Sales by Country (2019-2024) & (Units)

Table 52. Middle East & Africa Wafer Inspection Systems Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Wafer Inspection Systems Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Wafer Inspection Systems Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Wafer Inspection Systems Sales by Type (2019-2024) & (Units)

Table 56. Middle East & Africa Wafer Inspection Systems Sales by Application (2019-2024) & (Units)

Table 57. Key Market Drivers & Growth Opportunities of Wafer Inspection Systems

Table 58. Key Market Challenges & Risks of Wafer Inspection Systems

Table 59. Key Industry Trends of Wafer Inspection Systems

Table 60. Wafer Inspection Systems Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Wafer Inspection Systems Distributors List

Table 63. Wafer Inspection Systems Customer List

Table 64. Global Wafer Inspection Systems Sales Forecast by Region (2025-2030) & (Units)

Table 65. Global Wafer Inspection Systems Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Wafer Inspection Systems Sales Forecast by Country (2025-2030) & (Units)

Table 67. Americas Wafer Inspection Systems Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. APAC Wafer Inspection Systems Sales Forecast by Region (2025-2030) & (Units)

Table 69. APAC Wafer Inspection Systems Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 70. Europe Wafer Inspection Systems Sales Forecast by Country (2025-2030) & (Units)

Table 71. Europe Wafer Inspection Systems Revenue Forecast by Country (2025-2030)

& (\$ millions)

Table 72. Middle East & Africa Wafer Inspection Systems Sales Forecast by Country (2025-2030) & (Units)

Table 73. Middle East & Africa Wafer Inspection Systems Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Global Wafer Inspection Systems Sales Forecast by Type (2025-2030) & (Units)

Table 75. Global Wafer Inspection Systems Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 76. Global Wafer Inspection Systems Sales Forecast by Application (2025-2030) & (Units)

Table 77. Global Wafer Inspection Systems Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 78. KLA Corporation Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 79. KLA Corporation Wafer Inspection Systems Product Portfolios and Specifications

Table 80. KLA Corporation Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 81. KLA Corporation Main Business

Table 82. KLA Corporation Latest Developments

Table 83. Applied Materials Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 84. Applied Materials Wafer Inspection Systems Product Portfolios and Specifications

Table 85. Applied Materials Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 86. Applied Materials Main Business

Table 87. Applied Materials Latest Developments

Table 88. Hitachi High-Tech Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 89. Hitachi High-Tech Wafer Inspection Systems Product Portfolios and Specifications

Table 90. Hitachi High-Tech Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 91. Hitachi High-Tech Main Business

Table 92. Hitachi High-Tech Latest Developments

Table 93. NanoSystem Solutions Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 94. NanoSystem Solutions Wafer Inspection Systems Product Portfolios and Specifications

Table 95. NanoSystem Solutions Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 96. NanoSystem Solutions Main Business

Table 97. NanoSystem Solutions Latest Developments

Table 98. Onto Innovation Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 99. Onto Innovation Wafer Inspection Systems Product Portfolios and Specifications

Table 100. Onto Innovation Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 101. Onto Innovation Main Business

Table 102. Onto Innovation Latest Developments

Table 103. RSIC scientific instrument Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 104. RSIC scientific instrument Wafer Inspection Systems Product Portfolios and Specifications

Table 105. RSIC scientific instrument Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 106. RSIC scientific instrument Main Business

Table 107. RSIC scientific instrument Latest Developments

Table 108. Wuhan Jingce Electronic Technology Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 109. Wuhan Jingce Electronic Technology Wafer Inspection Systems Product Portfolios and Specifications

Table 110. Wuhan Jingce Electronic Technology Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 111. Wuhan Jingce Electronic Technology Main Business

Table 112. Wuhan Jingce Electronic Technology Latest Developments

Table 113. Hangzhou Changchuan Technology Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 114. Hangzhou Changchuan Technology Wafer Inspection Systems Product Portfolios and Specifications

Table 115. Hangzhou Changchuan Technology Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 116. Hangzhou Changchuan Technology Main Business

Table 117. Hangzhou Changchuan Technology Latest Developments

Table 118. Shanghai Micro Electronics Equipment (Group) Basic Information, Wafer

Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 119. Shanghai Micro Electronics Equipment (Group) Wafer Inspection Systems Product Portfolios and Specifications

Table 120. Shanghai Micro Electronics Equipment (Group) Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 121. Shanghai Micro Electronics Equipment (Group) Main Business

Table 122. Shanghai Micro Electronics Equipment (Group) Latest Developments

Table 123. Skyverse Technology Co., Ltd. Basic Information, Wafer Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 124. Skyverse Technology Co., Ltd. Wafer Inspection Systems Product Portfolios and Specifications

Table 125. Skyverse Technology Co., Ltd. Wafer Inspection Systems Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2019-2024)

Table 126. Skyverse Technology Co., Ltd. Main Business

Table 127. Skyverse Technology Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Wafer Inspection Systems
- Figure 2. Wafer Inspection Systems Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Wafer Inspection Systems Sales Growth Rate 2019-2030 (Units)
- Figure 7. Global Wafer Inspection Systems Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Wafer Inspection Systems Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of E-beam Detection Technology
- Figure 10. Product Picture of Optical Detection Technology
- Figure 11. Global Wafer Inspection Systems Sales Market Share by Type in 2023
- Figure 12. Global Wafer Inspection Systems Revenue Market Share by Type (2019-2024)
- Figure 13. Wafer Inspection Systems Consumed in 4 inch
- Figure 14. Global Wafer Inspection Systems Market: 4 inch (2019-2024) & (Units)
- Figure 15. Wafer Inspection Systems Consumed in 6 inch
- Figure 16. Global Wafer Inspection Systems Market: 6 inch (2019-2024) & (Units)
- Figure 17. Wafer Inspection Systems Consumed in 8 inch
- Figure 18. Global Wafer Inspection Systems Market: 8 inch (2019-2024) & (Units)
- Figure 19. Wafer Inspection Systems Consumed in 12 inch
- Figure 20. Global Wafer Inspection Systems Market: 12 inch (2019-2024) & (Units)
- Figure 21. Wafer Inspection Systems Consumed in Others
- Figure 22. Global Wafer Inspection Systems Market: Others (2019-2024) & (Units)
- Figure 23. Global Wafer Inspection Systems Sales Market Share by Application (2023)
- Figure 24. Global Wafer Inspection Systems Revenue Market Share by Application in 2023
- Figure 25. Wafer Inspection Systems Sales Market by Company in 2023 (Units)
- Figure 26. Global Wafer Inspection Systems Sales Market Share by Company in 2023
- Figure 27. Wafer Inspection Systems Revenue Market by Company in 2023 (\$ Million)
- Figure 28. Global Wafer Inspection Systems Revenue Market Share by Company in 2023
- Figure 29. Global Wafer Inspection Systems Sales Market Share by Geographic Region (2019-2024)
- Figure 30. Global Wafer Inspection Systems Revenue Market Share by Geographic

Region in 2023

Figure 31. Americas Wafer Inspection Systems Sales 2019-2024 (Units)

Figure 32. Americas Wafer Inspection Systems Revenue 2019-2024 (\$ Millions)

Figure 33. APAC Wafer Inspection Systems Sales 2019-2024 (Units)

Figure 34. APAC Wafer Inspection Systems Revenue 2019-2024 (\$ Millions)

Figure 35. Europe Wafer Inspection Systems Sales 2019-2024 (Units)

Figure 36. Europe Wafer Inspection Systems Revenue 2019-2024 (\$ Millions)

Figure 37. Middle East & Africa Wafer Inspection Systems Sales 2019-2024 (Units)

Figure 38. Middle East & Africa Wafer Inspection Systems Revenue 2019-2024 (\$ Millions)

Figure 39. Americas Wafer Inspection Systems Sales Market Share by Country in 2023

Figure 40. Americas Wafer Inspection Systems Revenue Market Share by Country in 2023

Figure 41. Americas Wafer Inspection Systems Sales Market Share by Type (2019-2024)

Figure 42. Americas Wafer Inspection Systems Sales Market Share by Application (2019-2024)

Figure 43. United States Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Canada Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Mexico Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Brazil Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 47. APAC Wafer Inspection Systems Sales Market Share by Region in 2023

Figure 48. APAC Wafer Inspection Systems Revenue Market Share by Regions in 2023

Figure 49. APAC Wafer Inspection Systems Sales Market Share by Type (2019-2024)

Figure 50. APAC Wafer Inspection Systems Sales Market Share by Application (2019-2024)

Figure 51. China Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Japan Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 53. South Korea Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Southeast Asia Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 55. India Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Australia Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 57. China Taiwan Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Europe Wafer Inspection Systems Sales Market Share by Country in 2023

Figure 59. Europe Wafer Inspection Systems Revenue Market Share by Country in

2023

Figure 60. Europe Wafer Inspection Systems Sales Market Share by Type (2019-2024)

Figure 61. Europe Wafer Inspection Systems Sales Market Share by Application (2019-2024)

Figure 62. Germany Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 63. France Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 64. UK Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Italy Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Russia Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Middle East & Africa Wafer Inspection Systems Sales Market Share by Country in 2023

Figure 68. Middle East & Africa Wafer Inspection Systems Revenue Market Share by Country in 2023

Figure 69. Middle East & Africa Wafer Inspection Systems Sales Market Share by Type (2019-2024)

Figure 70. Middle East & Africa Wafer Inspection Systems Sales Market Share by Application (2019-2024)

Figure 71. Egypt Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 72. South Africa Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Israel Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Turkey Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 75. GCC Country Wafer Inspection Systems Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Wafer Inspection Systems in 2023

Figure 77. Manufacturing Process Analysis of Wafer Inspection Systems

Figure 78. Industry Chain Structure of Wafer Inspection Systems

Figure 79. Channels of Distribution

Figure 80. Global Wafer Inspection Systems Sales Market Forecast by Region (2025-2030)

Figure 81. Global Wafer Inspection Systems Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Wafer Inspection Systems Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global Wafer Inspection Systems Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global Wafer Inspection Systems Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Wafer Inspection Systems Revenue Market Share Forecast by

Application (2025-2030)

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