

Global Wafer Inspection and Sorting Equipment Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G87EDCC46D6EEN.html>

Date: January 2026

Pages: 115

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

ID: G87EDCC46D6EEN

Abstracts

According to our (Global Info Research) latest study, the global Wafer Inspection and Sorting Equipment market size was valued at US\$ 4548 million in 2025 and is forecast to a readjusted size of US\$ 8481 million by 2032 with a CAGR of 9.3% during review period.

In 2025, global sales of wafer inspection and sorting equipment reached 5,200 units, with an average selling price of US\$850,000. Wafer inspection and sorting equipment is a core piece of equipment used in semiconductor manufacturing processes to automatically detect surface defects, electrical properties, and yield of wafers and sort them according to quality levels. It covers appearance inspection, defect re-judgment, electrical testing, and automatic wafer loading and unloading systems, which can significantly improve process yield and production line efficiency. Its upstream raw materials and core components include high-resolution industrial cameras and CMOS sensors, precision optical lenses and light sources, motion control platforms, vacuum robots, control systems, and structural components. On average, a single unit of equipment consumes 4-6 sets of cameras and 3 sets of optical lenses. The equipment includes 8 precision motors, approximately 800 kg of steel and aluminum structural components, and approximately 60 kg of electronic components. Downstream suppliers primarily include wafer foundries, IDMs, foundries, and packaging and testing companies. 12-inch wafer production lines account for 60%, 8-inch wafers for 25%, and power and compound semiconductor production lines for 15%. Global total capacity is approximately 6,000 units per year, with an industry gross margin of approximately 45%-55%. Future growth lies in upgrading to higher resolution optics and multimodal detection, AI defect recognition, full automation, and compatibility with large-size wafers. Demand and business opportunities stem from the expansion of advanced processes,

the mass production of automotive-grade and power semiconductors, and the accelerated pace of domestic substitution, driving the continued penetration of mid-to-high-end wafer inspection and sorting equipment.

From a market perspective, wafer inspection and sorting equipment is currently in a growth cycle characterized by 'high prosperity + strong technology-driven growth.' As advanced processes evolve towards 3nm and below, and mature processes continue to expand production in the automotive, industrial, and power device sectors, the impact of wafer defect control on yield and cost is amplified significantly. This has upgraded inspection and sorting equipment from 'auxiliary equipment' to 'critical yield equipment,' resulting in long-term rigid demand and high growth elasticity in the industry.

From a structural trend perspective, the market is upgrading from traditional optical inspection to a 'multimodal + AI' approach. High-resolution optics, combined bright and dark field analysis, electron beam re-judgment, and the synergy of AI algorithms are becoming the mainstream approach. The advanced nodes' demand for identifying submicron and even nanometer-level defects significantly raises the technological threshold and drives a continuous increase in the value of individual equipment, enabling leading manufacturers to establish strong competitive advantages in the high-end market.

From a competitive landscape perspective, international leaders still dominate advanced processes and high-end applications, maintaining high market share through long-term process accumulation and customer certification systems. Meanwhile, in mature processes, power semiconductors, and specialty processes, domestic manufacturers are accelerating their penetration by offering cost-effectiveness, rapid response, and customization capabilities. With the expansion of domestic wafer fabs and increasing demands for supply chain security, the space for domestic equipment substitution continues to open up, but breakthroughs in high-end applications still require time and sustained R&D investment.

From a demand and opportunity perspective, the expansion of AI computing chips, advanced packaging, automotive-grade chips, and third-generation semiconductors will be the main sources of incremental growth in the coming years. At the same time, the demand for yield improvement and cost reduction from existing production lines is driving continued growth in the upgrade and repurchase market for testing equipment. Overall, wafer inspection and sorting equipment is a typical 'technology-intensive + high value-added' sector with long-term growth potential, but competition will become more concentrated among manufacturers with core optical, algorithm, and system integration

capabilities.

This report is a detailed and comprehensive analysis for global Wafer Inspection and Sorting Equipment market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. 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 2025, are provided.

Key Features:

Global Wafer Inspection and Sorting Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Wafer Inspection and Sorting Equipment market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Wafer Inspection and Sorting Equipment market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Wafer Inspection and Sorting Equipment market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

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 Wafer Inspection and Sorting Equipment

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 Wafer Inspection and Sorting Equipment 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 TZTEK, Komatsu NTC Ltd., Quantel, KLA, TT Vision Holdings Berhad, Quatek, Nordkete, Semilab, Isra Vision, Linton Crystal Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Wafer Inspection and Sorting Equipment market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Geometric Parameter Detection and Sorting

Surface Defect Detection and Sorting

Electrical Performance Detection and Sorting

Others

Market segment by Wafer Size

Wafer Size: 12 inches

Wafer Size: 8 inches

Wafer Size: 6 inches

Market segment by Detection Method

Optical Defect Detection Equipment

Electron Beam Inspection Equipment

Electron Beam Testing and Sorting Equipment

Market segment by Application

Compound Semiconductors

Advanced Packaging

Others

Major players covered

TZTEK

Komatsu NTC Ltd.

Quantel

KLA

TT Vision Holdings Berhad

Quatek

Nordkete

Semilab

Isra Vision

Linton Crystal Technologies

Autowell

Lead Intelligent

RKE

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 Wafer Inspection and Sorting Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Wafer Inspection and Sorting Equipment, with price, sales quantity, revenue, and global market share of Wafer Inspection and Sorting Equipment from 2021 to 2026.

Chapter 3, the Wafer Inspection and Sorting Equipment competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Wafer Inspection and Sorting Equipment breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Wafer Inspection and Sorting Equipment market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Wafer Inspection and Sorting Equipment.

Chapter 14 and 15, to describe Wafer Inspection and Sorting Equipment sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Wafer Inspection and Sorting Equipment Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Geometric Parameter Detection and Sorting

1.3.3 Surface Defect Detection and Sorting

1.3.4 Electrical Performance Detection and Sorting

1.3.5 Others

1.4 Market Analysis by Wafer Size

1.4.1 Overview: Global Wafer Inspection and Sorting Equipment Consumption Value by Wafer Size: 2021 Versus 2025 Versus 2032

1.4.2 Wafer Size: 12 inches

1.4.3 Wafer Size: 8 inches

1.4.4 Wafer Size: 6 inches

1.5 Market Analysis by Detection Method

1.5.1 Overview: Global Wafer Inspection and Sorting Equipment Consumption Value by Detection Method: 2021 Versus 2025 Versus 2032

1.5.2 Optical Defect Detection Equipment

1.5.3 Electron Beam Inspection Equipment

1.5.4 Electron Beam Testing and Sorting Equipment

1.6 Market Analysis by Application

1.6.1 Overview: Global Wafer Inspection and Sorting Equipment Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Compound Semiconductors

1.6.3 Advanced Packaging

1.6.4 Others

1.7 Global Wafer Inspection and Sorting Equipment Market Size & Forecast

1.7.1 Global Wafer Inspection and Sorting Equipment Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Wafer Inspection and Sorting Equipment Sales Quantity (2021-2032)

1.7.3 Global Wafer Inspection and Sorting Equipment Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 TZTEK

2.1.1 TZTEK Details

2.1.2 TZTEK Major Business

2.1.3 TZTEK Wafer Inspection and Sorting Equipment Product and Services

2.1.4 TZTEK Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 TZTEK Recent Developments/Updates

2.2 Komatsu NTC Ltd.

2.2.1 Komatsu NTC Ltd. Details

2.2.2 Komatsu NTC Ltd. Major Business

2.2.3 Komatsu NTC Ltd. Wafer Inspection and Sorting Equipment Product and Services

2.2.4 Komatsu NTC Ltd. Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Komatsu NTC Ltd. Recent Developments/Updates

2.3 Quantel

2.3.1 Quantel Details

2.3.2 Quantel Major Business

2.3.3 Quantel Wafer Inspection and Sorting Equipment Product and Services

2.3.4 Quantel Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Quantel Recent Developments/Updates

2.4 KLA

2.4.1 KLA Details

2.4.2 KLA Major Business

2.4.3 KLA Wafer Inspection and Sorting Equipment Product and Services

2.4.4 KLA Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 KLA Recent Developments/Updates

2.5 TT Vision Holdings Berhad

2.5.1 TT Vision Holdings Berhad Details

2.5.2 TT Vision Holdings Berhad Major Business

2.5.3 TT Vision Holdings Berhad Wafer Inspection and Sorting Equipment Product and Services

2.5.4 TT Vision Holdings Berhad Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 TT Vision Holdings Berhad Recent Developments/Updates

2.6 Quatek

2.6.1 Quatek Details

- 2.6.2 Quatek Major Business
- 2.6.3 Quatek Wafer Inspection and Sorting Equipment Product and Services
- 2.6.4 Quatek Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.6.5 Quatek Recent Developments/Updates
- 2.7 Nordkete
 - 2.7.1 Nordkete Details
 - 2.7.2 Nordkete Major Business
 - 2.7.3 Nordkete Wafer Inspection and Sorting Equipment Product and Services
 - 2.7.4 Nordkete Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 Nordkete Recent Developments/Updates
- 2.8 Semilab
 - 2.8.1 Semilab Details
 - 2.8.2 Semilab Major Business
 - 2.8.3 Semilab Wafer Inspection and Sorting Equipment Product and Services
 - 2.8.4 Semilab Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.8.5 Semilab Recent Developments/Updates
- 2.9 Isra Vision
 - 2.9.1 Isra Vision Details
 - 2.9.2 Isra Vision Major Business
 - 2.9.3 Isra Vision Wafer Inspection and Sorting Equipment Product and Services
 - 2.9.4 Isra Vision Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 Isra Vision Recent Developments/Updates
- 2.10 Linton Crystal Technologies
 - 2.10.1 Linton Crystal Technologies Details
 - 2.10.2 Linton Crystal Technologies Major Business
 - 2.10.3 Linton Crystal Technologies Wafer Inspection and Sorting Equipment Product and Services
 - 2.10.4 Linton Crystal Technologies Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.10.5 Linton Crystal Technologies Recent Developments/Updates
- 2.11 Autowell
 - 2.11.1 Autowell Details
 - 2.11.2 Autowell Major Business
 - 2.11.3 Autowell Wafer Inspection and Sorting Equipment Product and Services
 - 2.11.4 Autowell Wafer Inspection and Sorting Equipment Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Autowell Recent Developments/Updates

2.12 Lead Intelligent

2.12.1 Lead Intelligent Details

2.12.2 Lead Intelligent Major Business

2.12.3 Lead Intelligent Wafer Inspection and Sorting Equipment Product and Services

2.12.4 Lead Intelligent Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Lead Intelligent Recent Developments/Updates

2.13 RKE

2.13.1 RKE Details

2.13.2 RKE Major Business

2.13.3 RKE Wafer Inspection and Sorting Equipment Product and Services

2.13.4 RKE Wafer Inspection and Sorting Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 RKE Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: WAFER INSPECTION AND SORTING EQUIPMENT BY MANUFACTURER

3.1 Global Wafer Inspection and Sorting Equipment Sales Quantity by Manufacturer (2021-2026)

3.2 Global Wafer Inspection and Sorting Equipment Revenue by Manufacturer (2021-2026)

3.3 Global Wafer Inspection and Sorting Equipment Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Wafer Inspection and Sorting Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Wafer Inspection and Sorting Equipment Manufacturer Market Share in 2025

3.4.3 Top 6 Wafer Inspection and Sorting Equipment Manufacturer Market Share in 2025

3.5 Wafer Inspection and Sorting Equipment Market: Overall Company Footprint Analysis

3.5.1 Wafer Inspection and Sorting Equipment Market: Region Footprint

3.5.2 Wafer Inspection and Sorting Equipment Market: Company Product Type Footprint

3.5.3 Wafer Inspection and Sorting Equipment Market: Company Product Application

Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Wafer Inspection and Sorting Equipment Market Size by Region

4.1.1 Global Wafer Inspection and Sorting Equipment Sales Quantity by Region
(2021-2032)

4.1.2 Global Wafer Inspection and Sorting Equipment Consumption Value by Region
(2021-2032)

4.1.3 Global Wafer Inspection and Sorting Equipment Average Price by Region
(2021-2032)

4.2 North America Wafer Inspection and Sorting Equipment Consumption Value
(2021-2032)

4.3 Europe Wafer Inspection and Sorting Equipment Consumption Value (2021-2032)

4.4 Asia-Pacific Wafer Inspection and Sorting Equipment Consumption Value
(2021-2032)

4.5 South America Wafer Inspection and Sorting Equipment Consumption Value
(2021-2032)

4.6 Middle East & Africa Wafer Inspection and Sorting Equipment Consumption Value
(2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Wafer Inspection and Sorting Equipment Sales Quantity by Type
(2021-2032)

5.2 Global Wafer Inspection and Sorting Equipment Consumption Value by Type
(2021-2032)

5.3 Global Wafer Inspection and Sorting Equipment Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Wafer Inspection and Sorting Equipment Sales Quantity by Application
(2021-2032)

6.2 Global Wafer Inspection and Sorting Equipment Consumption Value by Application
(2021-2032)

6.3 Global Wafer Inspection and Sorting Equipment Average Price by Application
(2021-2032)

7 NORTH AMERICA

7.1 North America Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2032)

7.2 North America Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2032)

7.3 North America Wafer Inspection and Sorting Equipment Market Size by Country

7.3.1 North America Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2032)

7.3.2 North America Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2032)

8.2 Europe Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2032)

8.3 Europe Wafer Inspection and Sorting Equipment Market Size by Country

8.3.1 Europe Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2032)

8.3.2 Europe Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Wafer Inspection and Sorting Equipment Market Size by Region

9.3.1 Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Wafer Inspection and Sorting Equipment Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2032)

10.2 South America Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2032)

10.3 South America Wafer Inspection and Sorting Equipment Market Size by Country

10.3.1 South America Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2032)

10.3.2 South America Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Wafer Inspection and Sorting Equipment Market Size by Country

11.3.1 Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

- 11.3.4 Egypt Market Size and Forecast (2021-2032)
- 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
- 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 Wafer Inspection and Sorting Equipment Market Drivers
- 12.2 Wafer Inspection and Sorting Equipment Market Restraints
- 12.3 Wafer Inspection and Sorting Equipment Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Wafer Inspection and Sorting Equipment and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Wafer Inspection and Sorting Equipment
- 13.3 Wafer Inspection and Sorting Equipment Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Wafer Inspection and Sorting Equipment Typical Distributors
- 14.3 Wafer Inspection and Sorting Equipment Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Wafer Inspection and Sorting Equipment Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Wafer Inspection and Sorting Equipment Consumption Value by Wafer Size, (USD Million), 2021 & 2025 & 2032

Table 3. Global Wafer Inspection and Sorting Equipment Consumption Value by Detection Method, (USD Million), 2021 & 2025 & 2032

Table 4. Global Wafer Inspection and Sorting Equipment Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. TZTEK Basic Information, Manufacturing Base and Competitors

Table 6. TZTEK Major Business

Table 7. TZTEK Wafer Inspection and Sorting Equipment Product and Services

Table 8. TZTEK Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. TZTEK Recent Developments/Updates

Table 10. Komatsu NTC Ltd. Basic Information, Manufacturing Base and Competitors

Table 11. Komatsu NTC Ltd. Major Business

Table 12. Komatsu NTC Ltd. Wafer Inspection and Sorting Equipment Product and Services

Table 13. Komatsu NTC Ltd. Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Komatsu NTC Ltd. Recent Developments/Updates

Table 15. Quantel Basic Information, Manufacturing Base and Competitors

Table 16. Quantel Major Business

Table 17. Quantel Wafer Inspection and Sorting Equipment Product and Services

Table 18. Quantel Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Quantel Recent Developments/Updates

Table 20. KLA Basic Information, Manufacturing Base and Competitors

Table 21. KLA Major Business

Table 22. KLA Wafer Inspection and Sorting Equipment Product and Services

Table 23. KLA Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. KLA Recent Developments/Updates

Table 25. TT Vision Holdings Berhad Basic Information, Manufacturing Base and Competitors

Table 26. TT Vision Holdings Berhad Major Business

Table 27. TT Vision Holdings Berhad Wafer Inspection and Sorting Equipment Product and Services

Table 28. TT Vision Holdings Berhad Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. TT Vision Holdings Berhad Recent Developments/Updates

Table 30. Quatek Basic Information, Manufacturing Base and Competitors

Table 31. Quatek Major Business

Table 32. Quatek Wafer Inspection and Sorting Equipment Product and Services

Table 33. Quatek Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Quatek Recent Developments/Updates

Table 35. Nordkete Basic Information, Manufacturing Base and Competitors

Table 36. Nordkete Major Business

Table 37. Nordkete Wafer Inspection and Sorting Equipment Product and Services

Table 38. Nordkete Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Nordkete Recent Developments/Updates

Table 40. Semilab Basic Information, Manufacturing Base and Competitors

Table 41. Semilab Major Business

Table 42. Semilab Wafer Inspection and Sorting Equipment Product and Services

Table 43. Semilab Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Semilab Recent Developments/Updates

Table 45. Isra Vision Basic Information, Manufacturing Base and Competitors

Table 46. Isra Vision Major Business

Table 47. Isra Vision Wafer Inspection and Sorting Equipment Product and Services

Table 48. Isra Vision Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Isra Vision Recent Developments/Updates

Table 50. Linton Crystal Technologies Basic Information, Manufacturing Base and

Competitors

Table 51. Linton Crystal Technologies Major Business

Table 52. Linton Crystal Technologies Wafer Inspection and Sorting Equipment Product and Services

Table 53. Linton Crystal Technologies Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Linton Crystal Technologies Recent Developments/Updates

Table 55. Autowell Basic Information, Manufacturing Base and Competitors

Table 56. Autowell Major Business

Table 57. Autowell Wafer Inspection and Sorting Equipment Product and Services

Table 58. Autowell Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Autowell Recent Developments/Updates

Table 60. Lead Intelligent Basic Information, Manufacturing Base and Competitors

Table 61. Lead Intelligent Major Business

Table 62. Lead Intelligent Wafer Inspection and Sorting Equipment Product and Services

Table 63. Lead Intelligent Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Lead Intelligent Recent Developments/Updates

Table 65. RKE Basic Information, Manufacturing Base and Competitors

Table 66. RKE Major Business

Table 67. RKE Wafer Inspection and Sorting Equipment Product and Services

Table 68. RKE Wafer Inspection and Sorting Equipment Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. RKE Recent Developments/Updates

Table 70. Global Wafer Inspection and Sorting Equipment Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 71. Global Wafer Inspection and Sorting Equipment Revenue by Manufacturer (2021-2026) & (USD Million)

Table 72. Global Wafer Inspection and Sorting Equipment Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 73. Market Position of Manufacturers in Wafer Inspection and Sorting Equipment, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 74. Head Office and Wafer Inspection and Sorting Equipment Production Site of

Key Manufacturer

Table 75. Wafer Inspection and Sorting Equipment Market: Company Product Type Footprint

Table 76. Wafer Inspection and Sorting Equipment Market: Company Product Application Footprint

Table 77. Wafer Inspection and Sorting Equipment New Market Entrants and Barriers to Market Entry

Table 78. Wafer Inspection and Sorting Equipment Mergers, Acquisition, Agreements, and Collaborations

Table 79. Global Wafer Inspection and Sorting Equipment Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 80. Global Wafer Inspection and Sorting Equipment Sales Quantity by Region (2021-2026) & (Units)

Table 81. Global Wafer Inspection and Sorting Equipment Sales Quantity by Region (2027-2032) & (Units)

Table 82. Global Wafer Inspection and Sorting Equipment Consumption Value by Region (2021-2026) & (USD Million)

Table 83. Global Wafer Inspection and Sorting Equipment Consumption Value by Region (2027-2032) & (USD Million)

Table 84. Global Wafer Inspection and Sorting Equipment Average Price by Region (2021-2026) & (US\$/Unit)

Table 85. Global Wafer Inspection and Sorting Equipment Average Price by Region (2027-2032) & (US\$/Unit)

Table 86. Global Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 87. Global Wafer Inspection and Sorting Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 88. Global Wafer Inspection and Sorting Equipment Consumption Value by Type (2021-2026) & (USD Million)

Table 89. Global Wafer Inspection and Sorting Equipment Consumption Value by Type (2027-2032) & (USD Million)

Table 90. Global Wafer Inspection and Sorting Equipment Average Price by Type (2021-2026) & (US\$/Unit)

Table 91. Global Wafer Inspection and Sorting Equipment Average Price by Type (2027-2032) & (US\$/Unit)

Table 92. Global Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 93. Global Wafer Inspection and Sorting Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 94. Global Wafer Inspection and Sorting Equipment Consumption Value by Application (2021-2026) & (USD Million)

Table 95. Global Wafer Inspection and Sorting Equipment Consumption Value by Application (2027-2032) & (USD Million)

Table 96. Global Wafer Inspection and Sorting Equipment Average Price by Application (2021-2026) & (US\$/Unit)

Table 97. Global Wafer Inspection and Sorting Equipment Average Price by Application (2027-2032) & (US\$/Unit)

Table 98. North America Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 99. North America Wafer Inspection and Sorting Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 100. North America Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 101. North America Wafer Inspection and Sorting Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 102. North America Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 103. North America Wafer Inspection and Sorting Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 104. North America Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 105. North America Wafer Inspection and Sorting Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 106. Europe Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 107. Europe Wafer Inspection and Sorting Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 108. Europe Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 109. Europe Wafer Inspection and Sorting Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 110. Europe Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 111. Europe Wafer Inspection and Sorting Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 112. Europe Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 113. Europe Wafer Inspection and Sorting Equipment Consumption Value by

Country (2027-2032) & (USD Million)

Table 114. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 115. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 116. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 117. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 118. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Region (2021-2026) & (Units)

Table 119. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity by Region (2027-2032) & (Units)

Table 120. Asia-Pacific Wafer Inspection and Sorting Equipment Consumption Value by Region (2021-2026) & (USD Million)

Table 121. Asia-Pacific Wafer Inspection and Sorting Equipment Consumption Value by Region (2027-2032) & (USD Million)

Table 122. South America Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 123. South America Wafer Inspection and Sorting Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 124. South America Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 125. South America Wafer Inspection and Sorting Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 126. South America Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 127. South America Wafer Inspection and Sorting Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 128. South America Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 129. South America Wafer Inspection and Sorting Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 130. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 131. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 132. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 133. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 134. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 135. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 136. Middle East & Africa Wafer Inspection and Sorting Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 137. Middle East & Africa Wafer Inspection and Sorting Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 138. Wafer Inspection and Sorting Equipment Raw Material

Table 139. Key Manufacturers of Wafer Inspection and Sorting Equipment Raw Materials

Table 140. Wafer Inspection and Sorting Equipment Typical Distributors

Table 141. Wafer Inspection and Sorting Equipment Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Wafer Inspection and Sorting Equipment Picture
- Figure 2. Global Wafer Inspection and Sorting Equipment Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Wafer Inspection and Sorting Equipment Revenue Market Share by Type in 2025
- Figure 4. Geometric Parameter Detection and Sorting Examples
- Figure 5. Surface Defect Detection and Sorting Examples
- Figure 6. Electrical Performance Detection and Sorting Examples
- Figure 7. Others Examples
- Figure 8. Global Wafer Inspection and Sorting Equipment Revenue by Wafer Size, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Wafer Inspection and Sorting Equipment Revenue Market Share by Wafer Size in 2025
- Figure 10. Wafer Size: 12 inches Examples
- Figure 11. Wafer Size: 8 inches Examples
- Figure 12. Wafer Size: 6 inches Examples
- Figure 13. Global Wafer Inspection and Sorting Equipment Revenue by Detection Method, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Wafer Inspection and Sorting Equipment Revenue Market Share by Detection Method in 2025
- Figure 15. Optical Defect Detection Equipment Examples
- Figure 16. Electron Beam Inspection Equipment Examples
- Figure 17. Electron Beam Testing and Sorting Equipment Examples
- Figure 18. Global Wafer Inspection and Sorting Equipment Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 19. Global Wafer Inspection and Sorting Equipment Revenue Market Share by Application in 2025
- Figure 20. Compound Semiconductors Examples
- Figure 21. Advanced Packaging Examples
- Figure 22. Others Examples
- Figure 23. Global Wafer Inspection and Sorting Equipment Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 24. Global Wafer Inspection and Sorting Equipment Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 25. Global Wafer Inspection and Sorting Equipment Sales Quantity (2021-2032)

& (Units)

Figure 26. Global Wafer Inspection and Sorting Equipment Price (2021-2032) & (US\$/Unit)

Figure 27. Global Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Manufacturer in 2025

Figure 28. Global Wafer Inspection and Sorting Equipment Revenue Market Share by Manufacturer in 2025

Figure 29. Producer Shipments of Wafer Inspection and Sorting Equipment by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 30. Top 3 Wafer Inspection and Sorting Equipment Manufacturer (Revenue) Market Share in 2025

Figure 31. Top 6 Wafer Inspection and Sorting Equipment Manufacturer (Revenue) Market Share in 2025

Figure 32. Global Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Region (2021-2032)

Figure 33. Global Wafer Inspection and Sorting Equipment Consumption Value Market Share by Region (2021-2032)

Figure 34. North America Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 35. Europe Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 36. Asia-Pacific Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 37. South America Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 38. Middle East & Africa Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 39. Global Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 40. Global Wafer Inspection and Sorting Equipment Consumption Value Market Share by Type (2021-2032)

Figure 41. Global Wafer Inspection and Sorting Equipment Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. Global Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 43. Global Wafer Inspection and Sorting Equipment Revenue Market Share by Application (2021-2032)

Figure 44. Global Wafer Inspection and Sorting Equipment Average Price by Application (2021-2032) & (US\$/Unit)

Figure 45. North America Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 46. North America Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 47. North America Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Country (2021-2032)

Figure 48. North America Wafer Inspection and Sorting Equipment Consumption Value Market Share by Country (2021-2032)

Figure 49. United States Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 50. Canada Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 51. Mexico Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 52. Europe Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 53. Europe Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 54. Europe Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Country (2021-2032)

Figure 55. Europe Wafer Inspection and Sorting Equipment Consumption Value Market Share by Country (2021-2032)

Figure 56. Germany Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 57. France Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 58. United Kingdom Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 59. Russia Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 60. Italy Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 61. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 62. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 63. Asia-Pacific Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Region (2021-2032)

Figure 64. Asia-Pacific Wafer Inspection and Sorting Equipment Consumption Value

Market Share by Region (2021-2032)

Figure 65. China Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 66. Japan Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 67. South Korea Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 68. India Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 69. Southeast Asia Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 70. Australia Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 71. South America Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 72. South America Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 73. South America Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Country (2021-2032)

Figure 74. South America Wafer Inspection and Sorting Equipment Consumption Value Market Share by Country (2021-2032)

Figure 75. Brazil Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 76. Argentina Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 77. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 78. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 79. Middle East & Africa Wafer Inspection and Sorting Equipment Sales Quantity Market Share by Country (2021-2032)

Figure 80. Middle East & Africa Wafer Inspection and Sorting Equipment Consumption Value Market Share by Country (2021-2032)

Figure 81. Turkey Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 82. Egypt Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 83. Saudi Arabia Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 84. South Africa Wafer Inspection and Sorting Equipment Consumption Value (2021-2032) & (USD Million)

Figure 85. Wafer Inspection and Sorting Equipment Market Drivers

Figure 86. Wafer Inspection and Sorting Equipment Market Restraints

Figure 87. Wafer Inspection and Sorting Equipment Market Trends

Figure 88. Porters Five Forces Analysis

Figure 89. Manufacturing Cost Structure Analysis of Wafer Inspection and Sorting Equipment in 2025

Figure 90. Manufacturing Process Analysis of Wafer Inspection and Sorting Equipment

Figure 91. Wafer Inspection and Sorting Equipment Industrial Chain

Figure 92. Sales Channel: Direct to End-User vs Distributors

Figure 93. Direct Channel Pros & Cons

Figure 94. Indirect Channel Pros & Cons

Figure 95. Methodology

Figure 96. Research Process and Data Source

I would like to order

Product name: Global Wafer Inspection and Sorting Equipment Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G87EDCC46D6EEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G87EDCC46D6EEN.html>