

# Global Wafer Surface Defect Detection Equipment Market Research Report 2026(Status and Outlook)

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## Abstracts

The global Wafer Surface Defect Detection Equipment market size was estimated at USD 1256.42 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 7.85% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Wafer Surface Defect Detection Equipment market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Wafer Surface Defect Detection Equipment market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Wafer Surface Defect Detection Equipment market.

## Global Wafer Surface Defect Detection Equipment Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

AMETEK  
Nordson  
Vitronic GmbH  
Omron  
IMS Messsysteme GmbH  
ISRA VISION AG  
Synergx  
Perceptron  
Inovision  
Dark Field Technologies  
Hitachi High-Tech  
Baumer Inspection  
Icemi  
AUTIS Engineering

### **Market Segmentation (by Type)**

Based on Image Processing  
Based on NDT

### **Market Segmentation (by Application)**

Semiconductor Wafer Inspection

Semiconductor Mask/Film Inspection

### **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Wafer Surface Defect Detection Equipment Market

Overview of the regional outlook of the Wafer Surface Defect Detection Equipment Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an 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 Wafer Surface Defect Detection Equipment Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to 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 8 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 capacity of each country in the world.

Chapter 9 shares the main producing countries of Wafer Surface Defect Detection Equipment, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to

come  
6-month post-sales analyst support

### Customization of the Report

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Wafer Surface Defect Detection Equipment
- 1.2 Key Market Segments
  - 1.2.1 Wafer Surface Defect Detection Equipment Segment by Type
  - 1.2.2 Wafer Surface Defect Detection Equipment Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Wafer Surface Defect Detection Equipment Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Wafer Surface Defect Detection Equipment Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Wafer Surface Defect Detection Equipment Product Life Cycle
- 3.3 Global Wafer Surface Defect Detection Equipment Sales by Manufacturers (2020-2025)
- 3.4 Global Wafer Surface Defect Detection Equipment Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Wafer Surface Defect Detection Equipment Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Wafer Surface Defect Detection Equipment Average Price by Manufacturers (2020-2025)

- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Wafer Surface Defect Detection Equipment Market Competitive Situation and Trends
  - 3.8.1 Wafer Surface Defect Detection Equipment Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Wafer Surface Defect Detection Equipment Players Market Share by Revenue
  - 3.8.3 Mergers & Acquisitions, Expansion

## **4 WAFER SURFACE DEFECT DETECTION EQUIPMENT INDUSTRY CHAIN ANALYSIS**

- 4.1 Wafer Surface Defect Detection Equipment Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Wafer Surface Defect Detection Equipment Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Wafer Surface Defect Detection Equipment Market
- 5.7 ESG Ratings of Leading Companies

## **6 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Wafer Surface Defect Detection Equipment Sales Market Share by Type (2020-2025)
- 6.3 Global Wafer Surface Defect Detection Equipment Market Size by Type (2020-2025)
- 6.4 Global Wafer Surface Defect Detection Equipment Price by Type (2020-2025)

## **7 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Wafer Surface Defect Detection Equipment Market Sales by Application (2020-2025)
- 7.3 Global Wafer Surface Defect Detection Equipment Market Size (M USD) by Application (2020-2025)
- 7.4 Global Wafer Surface Defect Detection Equipment Sales Growth Rate by Application (2020-2025)

## **8 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET SALES BY REGION**

- 8.1 Global Wafer Surface Defect Detection Equipment Sales by Region
  - 8.1.1 Global Wafer Surface Defect Detection Equipment Sales by Region
  - 8.1.2 Global Wafer Surface Defect Detection Equipment Sales Market Share by Region
- 8.2 Global Wafer Surface Defect Detection Equipment Market Size by Region
  - 8.2.1 Global Wafer Surface Defect Detection Equipment Market Size by Region
  - 8.2.2 Global Wafer Surface Defect Detection Equipment Market Size by Region
- 8.3 North America
  - 8.3.1 North America Wafer Surface Defect Detection Equipment Sales by Country
  - 8.3.2 North America Wafer Surface Defect Detection Equipment Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview

## 8.4 Europe

- 8.4.1 Europe Wafer Surface Defect Detection Equipment Sales by Country
- 8.4.2 Europe Wafer Surface Defect Detection Equipment Market Size by Country
- 8.4.3 Germany Market Overview
- 8.4.4 France Market Overview
- 8.4.5 U.K. Market Overview
- 8.4.6 Italy Market Overview
- 8.4.7 Spain Market Overview

## 8.5 Asia Pacific

- 8.5.1 Asia Pacific Wafer Surface Defect Detection Equipment Sales by Region
- 8.5.2 Asia Pacific Wafer Surface Defect Detection Equipment Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview

## 8.6 South America

- 8.6.1 South America Wafer Surface Defect Detection Equipment Sales by Country
- 8.6.2 South America Wafer Surface Defect Detection Equipment Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview

## 8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Wafer Surface Defect Detection Equipment Sales by Region
- 8.7.2 Middle East and Africa Wafer Surface Defect Detection Equipment Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

## **9 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET PRODUCTION BY REGION**

### 9.1 Global Production of Wafer Surface Defect Detection Equipment by Region(2020-2025)

9.2 Global Wafer Surface Defect Detection Equipment Revenue Market Share by Region (2020-2025)

9.3 Global Wafer Surface Defect Detection Equipment Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Wafer Surface Defect Detection Equipment Production

9.4.1 North America Wafer Surface Defect Detection Equipment Production Growth Rate (2020-2025)

9.4.2 North America Wafer Surface Defect Detection Equipment Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Wafer Surface Defect Detection Equipment Production

9.5.1 Europe Wafer Surface Defect Detection Equipment Production Growth Rate (2020-2025)

9.5.2 Europe Wafer Surface Defect Detection Equipment Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Wafer Surface Defect Detection Equipment Production (2020-2025)

9.6.1 Japan Wafer Surface Defect Detection Equipment Production Growth Rate (2020-2025)

9.6.2 Japan Wafer Surface Defect Detection Equipment Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Wafer Surface Defect Detection Equipment Production (2020-2025)

9.7.1 China Wafer Surface Defect Detection Equipment Production Growth Rate (2020-2025)

9.7.2 China Wafer Surface Defect Detection Equipment Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

### **10.1 AMETEK**

10.1.1 AMETEK Basic Information

10.1.2 AMETEK Wafer Surface Defect Detection Equipment Product Overview

10.1.3 AMETEK Wafer Surface Defect Detection Equipment Product Market Performance

10.1.4 AMETEK Business Overview

10.1.5 AMETEK SWOT Analysis

10.1.6 AMETEK Recent Developments

### **10.2 Nordson**

10.2.1 Nordson Basic Information

10.2.2 Nordson Wafer Surface Defect Detection Equipment Product Overview

10.2.3 Nordson Wafer Surface Defect Detection Equipment Product Market

## Performance

- 10.2.4 Nordson Business Overview
- 10.2.5 Nordson SWOT Analysis
- 10.2.6 Nordson Recent Developments

## 10.3 Vitronic GmbH

- 10.3.1 Vitronic GmbH Basic Information
- 10.3.2 Vitronic GmbH Wafer Surface Defect Detection Equipment Product Overview
- 10.3.3 Vitronic GmbH Wafer Surface Defect Detection Equipment Product Market

## Performance

- 10.3.4 Vitronic GmbH Business Overview
- 10.3.5 Vitronic GmbH SWOT Analysis
- 10.3.6 Vitronic GmbH Recent Developments

## 10.4 Omron

- 10.4.1 Omron Basic Information
- 10.4.2 Omron Wafer Surface Defect Detection Equipment Product Overview
- 10.4.3 Omron Wafer Surface Defect Detection Equipment Product Market

## Performance

- 10.4.4 Omron Business Overview
- 10.4.5 Omron Recent Developments

## 10.5 IMS Messsysteme GmbH

- 10.5.1 IMS Messsysteme GmbH Basic Information
- 10.5.2 IMS Messsysteme GmbH Wafer Surface Defect Detection Equipment Product

## Overview

- 10.5.3 IMS Messsysteme GmbH Wafer Surface Defect Detection Equipment Product

## Market Performance

- 10.5.4 IMS Messsysteme GmbH Business Overview
- 10.5.5 IMS Messsysteme GmbH Recent Developments

## 10.6 ISRA VISION AG

- 10.6.1 ISRA VISION AG Basic Information
- 10.6.2 ISRA VISION AG Wafer Surface Defect Detection Equipment Product Overview
- 10.6.3 ISRA VISION AG Wafer Surface Defect Detection Equipment Product Market

## Performance

- 10.6.4 ISRA VISION AG Business Overview
- 10.6.5 ISRA VISION AG Recent Developments

## 10.7 Synergx

- 10.7.1 Synergx Basic Information
- 10.7.2 Synergx Wafer Surface Defect Detection Equipment Product Overview
- 10.7.3 Synergx Wafer Surface Defect Detection Equipment Product Market

## Performance

- 10.7.4 Synergx Business Overview
- 10.7.5 Synergx Recent Developments
- 10.8 Perceptron
  - 10.8.1 Perceptron Basic Information
  - 10.8.2 Perceptron Wafer Surface Defect Detection Equipment Product Overview
  - 10.8.3 Perceptron Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.8.4 Perceptron Business Overview
  - 10.8.5 Perceptron Recent Developments
- 10.9 Inovision
  - 10.9.1 Inovision Basic Information
  - 10.9.2 Inovision Wafer Surface Defect Detection Equipment Product Overview
  - 10.9.3 Inovision Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.9.4 Inovision Business Overview
  - 10.9.5 Inovision Recent Developments
- 10.10 Dark Field Technologies
  - 10.10.1 Dark Field Technologies Basic Information
  - 10.10.2 Dark Field Technologies Wafer Surface Defect Detection Equipment Product Overview
  - 10.10.3 Dark Field Technologies Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.10.4 Dark Field Technologies Business Overview
  - 10.10.5 Dark Field Technologies Recent Developments
- 10.11 Hitachi High-Tech
  - 10.11.1 Hitachi High-Tech Basic Information
  - 10.11.2 Hitachi High-Tech Wafer Surface Defect Detection Equipment Product Overview
  - 10.11.3 Hitachi High-Tech Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.11.4 Hitachi High-Tech Business Overview
  - 10.11.5 Hitachi High-Tech Recent Developments
- 10.12 Baumer Inspection
  - 10.12.1 Baumer Inspection Basic Information
  - 10.12.2 Baumer Inspection Wafer Surface Defect Detection Equipment Product Overview
  - 10.12.3 Baumer Inspection Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.12.4 Baumer Inspection Business Overview

- 10.12.5 Baumer Inspection Recent Developments
- 10.13 Icemis
  - 10.13.1 Icemis Basic Information
  - 10.13.2 Icemis Wafer Surface Defect Detection Equipment Product Overview
  - 10.13.3 Icemis Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.13.4 Icemis Business Overview
  - 10.13.5 Icemis Recent Developments
- 10.14 AUTIS Engineering
  - 10.14.1 AUTIS Engineering Basic Information
  - 10.14.2 AUTIS Engineering Wafer Surface Defect Detection Equipment Product Overview
  - 10.14.3 AUTIS Engineering Wafer Surface Defect Detection Equipment Product Market Performance
  - 10.14.4 AUTIS Engineering Business Overview
  - 10.14.5 AUTIS Engineering Recent Developments

## **11 WAFER SURFACE DEFECT DETECTION EQUIPMENT MARKET FORECAST BY REGION**

- 11.1 Global Wafer Surface Defect Detection Equipment Market Size Forecast
- 11.2 Global Wafer Surface Defect Detection Equipment Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Wafer Surface Defect Detection Equipment Market Size Forecast by Country
  - 11.2.3 Asia Pacific Wafer Surface Defect Detection Equipment Market Size Forecast by Region
  - 11.2.4 South America Wafer Surface Defect Detection Equipment Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Wafer Surface Defect Detection Equipment by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Wafer Surface Defect Detection Equipment Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Wafer Surface Defect Detection Equipment by Type (2026-2035)
  - 12.1.2 Global Wafer Surface Defect Detection Equipment Market Size Forecast by

Type (2026-2035)

12.1.3 Global Forecasted Price of Wafer Surface Defect Detection Equipment by Type (2026-2035)

12.2 Global Wafer Surface Defect Detection Equipment Market Forecast by Application (2026-2035)

12.2.1 Global Wafer Surface Defect Detection Equipment Sales (K Units) Forecast by Application

12.2.2 Global Wafer Surface Defect Detection Equipment Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Wafer Surface Defect Detection Equipment Market Size by Type (M USD)

Table 4. Global Wafer Surface Defect Detection Equipment Market Size by Application

Table 5. Wafer Surface Defect Detection Equipment Market Size Comparison by Region (M USD)

Table 6. Global Wafer Surface Defect Detection Equipment Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Wafer Surface Defect Detection Equipment Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Wafer Surface Defect Detection Equipment Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Wafer Surface Defect Detection Equipment Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Wafer Surface Defect Detection Equipment as of 2025)

Table 11. Global Market Wafer Surface Defect Detection Equipment Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Wafer Surface Defect Detection Equipment Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Wafer Surface Defect Detection Equipment Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Wafer Surface Defect Detection Equipment Sales by Type (K Units)

Table 27. Global Wafer Surface Defect Detection Equipment Market Size by Type (M USD)

Table 28. Global Wafer Surface Defect Detection Equipment Sales (K Units) by Type (2020-2025)

Table 29. Global Wafer Surface Defect Detection Equipment Sales Market Share by Type (2020-2025)

Table 30. Global Wafer Surface Defect Detection Equipment Market Size (M USD) by Type (2020-2025)

Table 31. Global Wafer Surface Defect Detection Equipment Market Share by Type (2020-2025)

Table 32. Global Wafer Surface Defect Detection Equipment Price (USD/Unit) by Type (2020-2025)

Table 33. Global Wafer Surface Defect Detection Equipment Sales (K Units) by Application

Table 34. Global Wafer Surface Defect Detection Equipment Market Size by Application

Table 35. Global Wafer Surface Defect Detection Equipment Sales by Application (2020-2025) & (K Units)

Table 36. Global Wafer Surface Defect Detection Equipment Sales Market Share by Application (2020-2025)

Table 37. Global Wafer Surface Defect Detection Equipment Market Size by Application (2020-2025) & (M USD)

Table 38. Global Wafer Surface Defect Detection Equipment Market Share by Application (2020-2025)

Table 39. Global Wafer Surface Defect Detection Equipment Sales Growth Rate by Application (2020-2025)

Table 40. Global Wafer Surface Defect Detection Equipment Sales by Region (2020-2025) & (K Units)

Table 41. Global Wafer Surface Defect Detection Equipment Sales Market Share by Region (2020-2025)

Table 42. Global Wafer Surface Defect Detection Equipment Market Size by Region (2020-2025) & (M USD)

Table 43. Global Wafer Surface Defect Detection Equipment Market Size by Region (2020-2025)

Table 44. North America Wafer Surface Defect Detection Equipment Sales by Country (2020-2025) & (K Units)

Table 45. North America Wafer Surface Defect Detection Equipment Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Wafer Surface Defect Detection Equipment Sales by Country

(2020-2025) & (K Units)

Table 47. Europe Wafer Surface Defect Detection Equipment Market Size by Country (2020-2025) & (M USD)

Table 48. Asia Pacific Wafer Surface Defect Detection Equipment Sales by Region (2020-2025) & (K Units)

Table 49. Asia Pacific Wafer Surface Defect Detection Equipment Market Size by Region (2020-2025) & (M USD)

Table 50. South America Wafer Surface Defect Detection Equipment Sales by Country (2020-2025) & (K Units)

Table 51. South America Wafer Surface Defect Detection Equipment Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Wafer Surface Defect Detection Equipment Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Wafer Surface Defect Detection Equipment Market Size by Region (2020-2025) & (M USD)

Table 54. Global Wafer Surface Defect Detection Equipment Production (K Units) by Region(2020-2025)

Table 55. Global Wafer Surface Defect Detection Equipment Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Wafer Surface Defect Detection Equipment Revenue Market Share by Region (2020-2025)

Table 57. Global Wafer Surface Defect Detection Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Wafer Surface Defect Detection Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Wafer Surface Defect Detection Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Wafer Surface Defect Detection Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Wafer Surface Defect Detection Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. AMETEK Basic Information

Table 63. AMETEK Wafer Surface Defect Detection Equipment Product Overview

Table 64. AMETEK Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. AMETEK Business Overview

Table 66. AMETEK SWOT Analysis

Table 67. AMETEK Recent Developments

Table 68. Nordson Basic Information

- Table 69. Nordson Wafer Surface Defect Detection Equipment Product Overview
- Table 70. Nordson Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 71. Nordson Business Overview
- Table 72. Nordson SWOT Analysis
- Table 73. Nordson Recent Developments
- Table 74. Vitronic GmbH Basic Information
- Table 75. Vitronic GmbH Wafer Surface Defect Detection Equipment Product Overview
- Table 76. Vitronic GmbH Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. Vitronic GmbH Business Overview
- Table 78. Vitronic GmbH SWOT Analysis
- Table 79. Vitronic GmbH Recent Developments
- Table 80. Omron Basic Information
- Table 81. Omron Wafer Surface Defect Detection Equipment Product Overview
- Table 82. Omron Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Omron Business Overview
- Table 84. Omron Recent Developments
- Table 85. IMS Messsysteme GmbH Basic Information
- Table 86. IMS Messsysteme GmbH Wafer Surface Defect Detection Equipment Product Overview
- Table 87. IMS Messsysteme GmbH Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. IMS Messsysteme GmbH Business Overview
- Table 89. IMS Messsysteme GmbH Recent Developments
- Table 90. ISRA VISION AG Basic Information
- Table 91. ISRA VISION AG Wafer Surface Defect Detection Equipment Product Overview
- Table 92. ISRA VISION AG Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. ISRA VISION AG Business Overview
- Table 94. ISRA VISION AG Recent Developments
- Table 95. Synergx Basic Information
- Table 96. Synergx Wafer Surface Defect Detection Equipment Product Overview
- Table 97. Synergx Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Synergx Business Overview
- Table 99. Synergx Recent Developments

- Table 100. Perceptron Basic Information
- Table 101. Perceptron Wafer Surface Defect Detection Equipment Product Overview
- Table 102. Perceptron Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Perceptron Business Overview
- Table 104. Perceptron Recent Developments
- Table 105. Inovision Basic Information
- Table 106. Inovision Wafer Surface Defect Detection Equipment Product Overview
- Table 107. Inovision Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Inovision Business Overview
- Table 109. Inovision Recent Developments
- Table 110. Dark Field Technologies Basic Information
- Table 111. Dark Field Technologies Wafer Surface Defect Detection Equipment Product Overview
- Table 112. Dark Field Technologies Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Dark Field Technologies Business Overview
- Table 114. Dark Field Technologies Recent Developments
- Table 115. Hitachi High-Tech Basic Information
- Table 116. Hitachi High-Tech Wafer Surface Defect Detection Equipment Product Overview
- Table 117. Hitachi High-Tech Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Hitachi High-Tech Business Overview
- Table 119. Hitachi High-Tech Recent Developments
- Table 120. Baumer Inspection Basic Information
- Table 121. Baumer Inspection Wafer Surface Defect Detection Equipment Product Overview
- Table 122. Baumer Inspection Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. Baumer Inspection Business Overview
- Table 124. Baumer Inspection Recent Developments
- Table 125. Icemi Basic Information
- Table 126. Icemi Wafer Surface Defect Detection Equipment Product Overview
- Table 127. Icemi Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 128. Icemi Business Overview
- Table 129. Icemi Recent Developments

Table 130. AUTIS Engineering Basic Information

Table 131. AUTIS Engineering Wafer Surface Defect Detection Equipment Product Overview

Table 132. AUTIS Engineering Wafer Surface Defect Detection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 133. AUTIS Engineering Business Overview

Table 134. AUTIS Engineering Recent Developments

Table 135. Global Wafer Surface Defect Detection Equipment Sales Forecast by Region (2026-2035) & (K Units)

Table 136. Global Wafer Surface Defect Detection Equipment Market Size Forecast by Region (2026-2035) & (M USD)

Table 137. North America Wafer Surface Defect Detection Equipment Sales Forecast by Country (2026-2035) & (K Units)

Table 138. North America Wafer Surface Defect Detection Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 139. Europe Wafer Surface Defect Detection Equipment Sales Forecast by Country (2026-2035) & (K Units)

Table 140. Europe Wafer Surface Defect Detection Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 141. Asia Pacific Wafer Surface Defect Detection Equipment Sales Forecast by Region (2026-2035) & (K Units)

Table 142. Asia Pacific Wafer Surface Defect Detection Equipment Market Size Forecast by Region (2026-2035) & (M USD)

Table 143. South America Wafer Surface Defect Detection Equipment Sales Forecast by Country (2026-2035) & (K Units)

Table 144. South America Wafer Surface Defect Detection Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 145. Middle East and Africa Wafer Surface Defect Detection Equipment Sales Forecast by Country (2026-2035) & (Units)

Table 146. Middle East and Africa Wafer Surface Defect Detection Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 147. Global Wafer Surface Defect Detection Equipment Sales Forecast by Type (2026-2035) & (K Units)

Table 148. Global Wafer Surface Defect Detection Equipment Market Size Forecast by Type (2026-2035) & (M USD)

Table 149. Global Wafer Surface Defect Detection Equipment Price Forecast by Type (2026-2035) & (USD/Unit)

Table 150. Global Wafer Surface Defect Detection Equipment Sales (K Units) Forecast by Application (2026-2035)

Table 151. Global Wafer Surface Defect Detection Equipment Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Wafer Surface Defect Detection Equipment
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Wafer Surface Defect Detection Equipment Market Size (M USD), 2025-2035
- Figure 5. Global Wafer Surface Defect Detection Equipment Market Size (M USD) (2020-2035)
- Figure 6. Global Wafer Surface Defect Detection Equipment Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Wafer Surface Defect Detection Equipment Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Wafer Surface Defect Detection Equipment Product Life Cycle
- Figure 13. Wafer Surface Defect Detection Equipment Sales Share by Manufacturers in 2025
- Figure 14. Global Wafer Surface Defect Detection Equipment Revenue Share by Manufacturers in 2025
- Figure 15. Wafer Surface Defect Detection Equipment Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Wafer Surface Defect Detection Equipment Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Wafer Surface Defect Detection Equipment Revenue in 2025
- Figure 18. Industry Chain Map of Wafer Surface Defect Detection Equipment
- Figure 19. Global Wafer Surface Defect Detection Equipment Market PEST Analysis
- Figure 20. Global Wafer Surface Defect Detection Equipment Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Wafer Surface Defect Detection Equipment Market Share by Type

Figure 27. Sales Market Share of Wafer Surface Defect Detection Equipment by Type (2020-2025)

Figure 28. Sales Market Share of Wafer Surface Defect Detection Equipment by Type in 2025

Figure 29. Market Share of Wafer Surface Defect Detection Equipment by Type (2020-2025)

Figure 30. Market Share of Wafer Surface Defect Detection Equipment by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Wafer Surface Defect Detection Equipment Market Share by Application

Figure 33. Global Wafer Surface Defect Detection Equipment Sales Market Share by Application (2020-2025)

Figure 34. Global Wafer Surface Defect Detection Equipment Sales Market Share by Application in 2025

Figure 35. Global Wafer Surface Defect Detection Equipment Market Share by Application (2020-2025)

Figure 36. Global Wafer Surface Defect Detection Equipment Market Share by Application in 2025

Figure 37. Global Wafer Surface Defect Detection Equipment Sales Growth Rate by Application (2020-2025)

Figure 38. Global Wafer Surface Defect Detection Equipment Sales Market Share by Region (2020-2025)

Figure 39. Global Wafer Surface Defect Detection Equipment Market Size by Region (2020-2025)

Figure 40. North America Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Wafer Surface Defect Detection Equipment Sales Market Share by Country in 2024

Figure 43. North America Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Wafer Surface Defect Detection Equipment Market Size by Country in 2024

Figure 45. U.S. Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Wafer Surface Defect Detection Equipment Sales (K Units) and

Growth Rate (2020-2025)

Figure 48. Canada Wafer Surface Defect Detection Equipment Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Wafer Surface Defect Detection Equipment Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Wafer Surface Defect Detection Equipment Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Wafer Surface Defect Detection Equipment Sales Market Share by Country in 2024

Figure 53. Europe Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Wafer Surface Defect Detection Equipment Market Size by Country in 2024

Figure 55. Germany Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Wafer Surface Defect Detection Equipment Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Wafer Surface Defect Detection Equipment Sales Market Share by Region in 2024

Figure 67. Asia Pacific Wafer Surface Defect Detection Equipment Market Size by Region in 2024

Figure 68. China Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Wafer Surface Defect Detection Equipment Sales and Growth Rate (K Units)

Figure 79. South America Wafer Surface Defect Detection Equipment Sales Market Share by Country in 2024

Figure 80. South America Wafer Surface Defect Detection Equipment Market Size and Growth Rate (M USD)

Figure 81. South America Wafer Surface Defect Detection Equipment Market Size by Country in 2024

Figure 82. Brazil Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Wafer Surface Defect Detection Equipment Sales and Growth

Rate (2020-2025) & (K Units)

Figure 87. Columbia Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Wafer Surface Defect Detection Equipment Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Wafer Surface Defect Detection Equipment Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Wafer Surface Defect Detection Equipment Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Wafer Surface Defect Detection Equipment Market Size by Region in 2024

Figure 92. Saudi Arabia Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Wafer Surface Defect Detection Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Wafer Surface Defect Detection Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Wafer Surface Defect Detection Equipment Production Market Share by Region (2020-2025)

Figure 103. North America Wafer Surface Defect Detection Equipment Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Wafer Surface Defect Detection Equipment Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Wafer Surface Defect Detection Equipment Production (K Units) Growth Rate (2020-2025)

Figure 106. China Wafer Surface Defect Detection Equipment Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Wafer Surface Defect Detection Equipment Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Wafer Surface Defect Detection Equipment Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Wafer Surface Defect Detection Equipment Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Wafer Surface Defect Detection Equipment Market Share Forecast by Type (2026-2035)

Figure 111. Global Wafer Surface Defect Detection Equipment Sales Forecast by Application (2026-2035)

Figure 112. Global Wafer Surface Defect Detection Equipment Market Share Forecast by Application (2026-2035)

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