

Global Wafer Defect Bright and Dark Field Inspection Equipment Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Wafer Defect Bright and Dark Field Inspection Equipment market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Wafer defect bright and dark field detection is based on optical imaging technology to detect patterned wafers. Bright field means that the angle of illumination light and the angle of collection light are completely or partially the same. The light reflected from the surface of the wafer is formed; while the dark field means that the angle of the illumination light and the angle of the collected light are completely different, so the final image formed on the photoelectric sensor is the 3D image of the illumination light incident on the wafer surface and the graphic surface. Structures are formed by light scattered back.

This report studies the global Wafer Defect Bright and Dark Field Inspection Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Wafer Defect Bright and Dark Field Inspection Equipment, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Wafer Defect Bright and Dark Field Inspection Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Wafer Defect Bright and Dark Field Inspection Equipment total production and demand, 2018-2029, (Unit)

Global Wafer Defect Bright and Dark Field Inspection Equipment total production value, 2018-2029, (USD Million)

Global Wafer Defect Bright and Dark Field Inspection Equipment production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Unit)

Global Wafer Defect Bright and Dark Field Inspection Equipment consumption by region & country, CAGR, 2018-2029 & (Unit)

U.S. VS China: Wafer Defect Bright and Dark Field Inspection Equipment domestic production, consumption, key domestic manufacturers and share

Global Wafer Defect Bright and Dark Field Inspection Equipment production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Unit)

Global Wafer Defect Bright and Dark Field Inspection Equipment production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Unit)

Global Wafer Defect Bright and Dark Field Inspection Equipment production by Application production, value, CAGR, 2018-2029, (USD Million) & (Unit)

This reports profiles key players in the global Wafer Defect Bright and Dark Field Inspection Equipment market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KLA-Tencor, Hitachi, Lasertec Corporation, Applied Materials, InnoLas Solutions, NextIn Solutions, Nano System Solutions, TORAY and FRT GmbH, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Wafer Defect Bright and Dark Field Inspection Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Unit) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Wafer Defect Bright and Dark Field Inspection Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Wafer Defect Bright and Dark Field Inspection Equipment Market, Segmentation by Type

Bright Field Detection

Dark Field Detection

Global Wafer Defect Bright and Dark Field Inspection Equipment Market, Segmentation by Application

2-4 Inch Wafer

4-8 Inch Wafer

8-12 Inch Wafer

Others

Companies Profiled:

KLA-Tencor

Hitachi

Lasertec Corporation

Applied Materials

InnoLas Solutions

NextIn Solutions

Nano System Solutions

TORAY

FRT GmbH

Onto Innovation

Shanghai Precision Measurement Semiconductor Technology

RSIC Scientific Instrument

Skyverse Technolog

Zhongdao Optoelectronic Equipment

HGTECH

Key Questions Answered

1. How big is the global Wafer Defect Bright and Dark Field Inspection Equipment market?
2. What is the demand of the global Wafer Defect Bright and Dark Field Inspection Equipment market?
3. What is the year over year growth of the global Wafer Defect Bright and Dark Field Inspection Equipment market?
4. What is the production and production value of the global Wafer Defect Bright and Dark Field Inspection Equipment market?
5. Who are the key producers in the global Wafer Defect Bright and Dark Field Inspection Equipment market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Wafer Defect Bright and Dark Field Inspection Equipment Introduction
- 1.2 World Wafer Defect Bright and Dark Field Inspection Equipment Supply & Forecast
 - 1.2.1 World Wafer Defect Bright and Dark Field Inspection Equipment Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029)
 - 1.2.3 World Wafer Defect Bright and Dark Field Inspection Equipment Pricing Trends (2018-2029)
- 1.3 World Wafer Defect Bright and Dark Field Inspection Equipment Production by Region (Based on Production Site)
 - 1.3.1 World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Region (2018-2029)
 - 1.3.2 World Wafer Defect Bright and Dark Field Inspection Equipment Production by Region (2018-2029)
 - 1.3.3 World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Region (2018-2029)
 - 1.3.4 North America Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029)
 - 1.3.5 Europe Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029)
 - 1.3.6 China Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029)
 - 1.3.7 Japan Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029)
 - 1.3.8 South Korea Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Wafer Defect Bright and Dark Field Inspection Equipment Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Wafer Defect Bright and Dark Field Inspection Equipment Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Wafer Defect Bright and Dark Field Inspection Equipment Demand (2018-2029)
- 2.2 World Wafer Defect Bright and Dark Field Inspection Equipment Consumption by Region
 - 2.2.1 World Wafer Defect Bright and Dark Field Inspection Equipment Consumption by Region (2018-2023)
 - 2.2.2 World Wafer Defect Bright and Dark Field Inspection Equipment Consumption Forecast by Region (2024-2029)
- 2.3 United States Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)
- 2.4 China Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)
- 2.5 Europe Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)
- 2.6 Japan Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)
- 2.7 South Korea Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)
- 2.8 ASEAN Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)
- 2.9 India Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029)

3 WORLD WAFER DEFECT BRIGHT AND DARK FIELD INSPECTION EQUIPMENT MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Manufacturer (2018-2023)
- 3.2 World Wafer Defect Bright and Dark Field Inspection Equipment Production by Manufacturer (2018-2023)
- 3.3 World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Manufacturer (2018-2023)
- 3.4 Wafer Defect Bright and Dark Field Inspection Equipment Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Wafer Defect Bright and Dark Field Inspection Equipment Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Wafer Defect Bright and Dark Field

Inspection Equipment in 2022

3.5.3 Global Concentration Ratios (CR8) for Wafer Defect Bright and Dark Field

Inspection Equipment in 2022

3.6 Wafer Defect Bright and Dark Field Inspection Equipment Market: Overall Company Footprint Analysis

3.6.1 Wafer Defect Bright and Dark Field Inspection Equipment Market: Region Footprint

3.6.2 Wafer Defect Bright and Dark Field Inspection Equipment Market: Company Product Type Footprint

3.6.3 Wafer Defect Bright and Dark Field Inspection Equipment Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Value Comparison

4.1.1 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Comparison

4.2.1 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Consumption Comparison

4.3.1 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Wafer Defect Bright and Dark Field Inspection Equipment

Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value (2018-2023)

4.4.3 United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2023)

4.5 China Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers and Market Share

4.5.1 China Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value (2018-2023)

4.5.3 China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2023)

4.6 Rest of World Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Wafer Defect Bright and Dark Field Inspection Equipment Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Bright Field Detection

5.2.2 Dark Field Detection

5.3 Market Segment by Type

5.3.1 World Wafer Defect Bright and Dark Field Inspection Equipment Production by Type (2018-2029)

5.3.2 World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Type (2018-2029)

5.3.3 World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Wafer Defect Bright and Dark Field Inspection Equipment Market Size

Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 2-4 Inch Wafer

6.2.2 4-8 Inch Wafer

6.2.3 8-12 Inch Wafer

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Wafer Defect Bright and Dark Field Inspection Equipment Production by Application (2018-2029)

6.3.2 World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Application (2018-2029)

6.3.3 World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 KLA-Tencor

7.1.1 KLA-Tencor Details

7.1.2 KLA-Tencor Major Business

7.1.3 KLA-Tencor Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.1.4 KLA-Tencor Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 KLA-Tencor Recent Developments/Updates

7.1.6 KLA-Tencor Competitive Strengths & Weaknesses

7.2 Hitachi

7.2.1 Hitachi Details

7.2.2 Hitachi Major Business

7.2.3 Hitachi Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.2.4 Hitachi Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Hitachi Recent Developments/Updates

7.2.6 Hitachi Competitive Strengths & Weaknesses

7.3 Lasertec Corporation

7.3.1 Lasertec Corporation Details

- 7.3.2 Lasertec Corporation Major Business
- 7.3.3 Lasertec Corporation Wafer Defect Bright and Dark Field Inspection Equipment Product and Services
- 7.3.4 Lasertec Corporation Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Lasertec Corporation Recent Developments/Updates
- 7.3.6 Lasertec Corporation Competitive Strengths & Weaknesses
- 7.4 Applied Materials
 - 7.4.1 Applied Materials Details
 - 7.4.2 Applied Materials Major Business
 - 7.4.3 Applied Materials Wafer Defect Bright and Dark Field Inspection Equipment Product and Services
 - 7.4.4 Applied Materials Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Applied Materials Recent Developments/Updates
 - 7.4.6 Applied Materials Competitive Strengths & Weaknesses
- 7.5 InnoLas Solutions
 - 7.5.1 InnoLas Solutions Details
 - 7.5.2 InnoLas Solutions Major Business
 - 7.5.3 InnoLas Solutions Wafer Defect Bright and Dark Field Inspection Equipment Product and Services
 - 7.5.4 InnoLas Solutions Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 InnoLas Solutions Recent Developments/Updates
 - 7.5.6 InnoLas Solutions Competitive Strengths & Weaknesses
- 7.6 NextIn Solutions
 - 7.6.1 NextIn Solutions Details
 - 7.6.2 NextIn Solutions Major Business
 - 7.6.3 NextIn Solutions Wafer Defect Bright and Dark Field Inspection Equipment Product and Services
 - 7.6.4 NextIn Solutions Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 NextIn Solutions Recent Developments/Updates
 - 7.6.6 NextIn Solutions Competitive Strengths & Weaknesses
- 7.7 Nano System Solutions
 - 7.7.1 Nano System Solutions Details
 - 7.7.2 Nano System Solutions Major Business
 - 7.7.3 Nano System Solutions Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.7.4 Nano System Solutions Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Nano System Solutions Recent Developments/Updates

7.7.6 Nano System Solutions Competitive Strengths & Weaknesses

7.8 TORAY

7.8.1 TORAY Details

7.8.2 TORAY Major Business

7.8.3 TORAY Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.8.4 TORAY Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 TORAY Recent Developments/Updates

7.8.6 TORAY Competitive Strengths & Weaknesses

7.9 FRT GmbH

7.9.1 FRT GmbH Details

7.9.2 FRT GmbH Major Business

7.9.3 FRT GmbH Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.9.4 FRT GmbH Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 FRT GmbH Recent Developments/Updates

7.9.6 FRT GmbH Competitive Strengths & Weaknesses

7.10 Onto Innovation

7.10.1 Onto Innovation Details

7.10.2 Onto Innovation Major Business

7.10.3 Onto Innovation Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.10.4 Onto Innovation Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Onto Innovation Recent Developments/Updates

7.10.6 Onto Innovation Competitive Strengths & Weaknesses

7.11 Shanghai Precision Measurement Semiconductor Technology

7.11.1 Shanghai Precision Measurement Semiconductor Technology Details

7.11.2 Shanghai Precision Measurement Semiconductor Technology Major Business

7.11.3 Shanghai Precision Measurement Semiconductor Technology Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.11.4 Shanghai Precision Measurement Semiconductor Technology Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Shanghai Precision Measurement Semiconductor Technology Recent Developments/Updates

7.11.6 Shanghai Precision Measurement Semiconductor Technology Competitive Strengths & Weaknesses

7.12 RSIC Scientific Instrument

7.12.1 RSIC Scientific Instrument Details

7.12.2 RSIC Scientific Instrument Major Business

7.12.3 RSIC Scientific Instrument Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.12.4 RSIC Scientific Instrument Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 RSIC Scientific Instrument Recent Developments/Updates

7.12.6 RSIC Scientific Instrument Competitive Strengths & Weaknesses

7.13 Skyverse Technolog

7.13.1 Skyverse Technolog Details

7.13.2 Skyverse Technolog Major Business

7.13.3 Skyverse Technolog Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.13.4 Skyverse Technolog Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Skyverse Technolog Recent Developments/Updates

7.13.6 Skyverse Technolog Competitive Strengths & Weaknesses

7.14 Zhongdao Optoelectronic Equipment

7.14.1 Zhongdao Optoelectronic Equipment Details

7.14.2 Zhongdao Optoelectronic Equipment Major Business

7.14.3 Zhongdao Optoelectronic Equipment Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.14.4 Zhongdao Optoelectronic Equipment Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Zhongdao Optoelectronic Equipment Recent Developments/Updates

7.14.6 Zhongdao Optoelectronic Equipment Competitive Strengths & Weaknesses

7.15 HGTECH

7.15.1 HGTECH Details

7.15.2 HGTECH Major Business

7.15.3 HGTECH Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

7.15.4 HGTECH Wafer Defect Bright and Dark Field Inspection Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 HGTECH Recent Developments/Updates

7.15.6 HGTECH Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Wafer Defect Bright and Dark Field Inspection Equipment Industry Chain

8.2 Wafer Defect Bright and Dark Field Inspection Equipment Upstream Analysis

8.2.1 Wafer Defect Bright and Dark Field Inspection Equipment Core Raw Materials

8.2.2 Main Manufacturers of Wafer Defect Bright and Dark Field Inspection Equipment
Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Wafer Defect Bright and Dark Field Inspection Equipment Production Mode

8.6 Wafer Defect Bright and Dark Field Inspection Equipment Procurement Model

8.7 Wafer Defect Bright and Dark Field Inspection Equipment Industry Sales Model and
Sales Channels

8.7.1 Wafer Defect Bright and Dark Field Inspection Equipment Sales Model

8.7.2 Wafer Defect Bright and Dark Field Inspection Equipment Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Region (2018-2023) & (USD Million)

Table 3. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Region (2024-2029) & (USD Million)

Table 4. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Region (2018-2023)

Table 5. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Region (2024-2029)

Table 6. World Wafer Defect Bright and Dark Field Inspection Equipment Production by Region (2018-2023) & (Unit)

Table 7. World Wafer Defect Bright and Dark Field Inspection Equipment Production by Region (2024-2029) & (Unit)

Table 8. World Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share by Region (2018-2023)

Table 9. World Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share by Region (2024-2029)

Table 10. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Wafer Defect Bright and Dark Field Inspection Equipment Major Market Trends

Table 13. World Wafer Defect Bright and Dark Field Inspection Equipment Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Unit)

Table 14. World Wafer Defect Bright and Dark Field Inspection Equipment Consumption by Region (2018-2023) & (Unit)

Table 15. World Wafer Defect Bright and Dark Field Inspection Equipment Consumption Forecast by Region (2024-2029) & (Unit)

Table 16. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Wafer Defect Bright and Dark Field Inspection Equipment Producers in 2022

Table 18. World Wafer Defect Bright and Dark Field Inspection Equipment Production

by Manufacturer (2018-2023) & (Unit)

Table 19. Production Market Share of Key Wafer Defect Bright and Dark Field Inspection Equipment Producers in 2022

Table 20. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Wafer Defect Bright and Dark Field Inspection Equipment Company Evaluation Quadrant

Table 22. World Wafer Defect Bright and Dark Field Inspection Equipment Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Wafer Defect Bright and Dark Field Inspection Equipment Production Site of Key Manufacturer

Table 24. Wafer Defect Bright and Dark Field Inspection Equipment Market: Company Product Type Footprint

Table 25. Wafer Defect Bright and Dark Field Inspection Equipment Market: Company Product Application Footprint

Table 26. Wafer Defect Bright and Dark Field Inspection Equipment Competitive Factors

Table 27. Wafer Defect Bright and Dark Field Inspection Equipment New Entrant and Capacity Expansion Plans

Table 28. Wafer Defect Bright and Dark Field Inspection Equipment Mergers & Acquisitions Activity

Table 29. United States VS China Wafer Defect Bright and Dark Field Inspection Equipment Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Wafer Defect Bright and Dark Field Inspection Equipment Production Comparison, (2018 & 2022 & 2029) & (Unit)

Table 31. United States VS China Wafer Defect Bright and Dark Field Inspection Equipment Consumption Comparison, (2018 & 2022 & 2029) & (Unit)

Table 32. United States Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2023) & (Unit)

Table 36. United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share (2018-2023)

Table 37. China Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2023) & (Unit)

Table 41. China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share (2018-2023)

Table 42. Rest of World Based Wafer Defect Bright and Dark Field Inspection Equipment Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2023) & (Unit)

Table 46. Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share (2018-2023)

Table 47. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Wafer Defect Bright and Dark Field Inspection Equipment Production by Type (2018-2023) & (Unit)

Table 49. World Wafer Defect Bright and Dark Field Inspection Equipment Production by Type (2024-2029) & (Unit)

Table 50. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Type (2018-2023) & (USD Million)

Table 51. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Type (2024-2029) & (USD Million)

Table 52. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Wafer Defect Bright and Dark Field Inspection Equipment Production by Application (2018-2023) & (Unit)

Table 56. World Wafer Defect Bright and Dark Field Inspection Equipment Production by Application (2024-2029) & (Unit)

Table 57. World Wafer Defect Bright and Dark Field Inspection Equipment Production

Value by Application (2018-2023) & (USD Million)

Table 58. World Wafer Defect Bright and Dark Field Inspection Equipment Production

Value by Application (2024-2029) & (USD Million)

Table 59. World Wafer Defect Bright and Dark Field Inspection Equipment Average

Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Wafer Defect Bright and Dark Field Inspection Equipment Average

Price by Application (2024-2029) & (US\$/Unit)

Table 61. KLA-Tencor Basic Information, Manufacturing Base and Competitors

Table 62. KLA-Tencor Major Business

Table 63. KLA-Tencor Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 64. KLA-Tencor Wafer Defect Bright and Dark Field Inspection Equipment

Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. KLA-Tencor Recent Developments/Updates

Table 66. KLA-Tencor Competitive Strengths & Weaknesses

Table 67. Hitachi Basic Information, Manufacturing Base and Competitors

Table 68. Hitachi Major Business

Table 69. Hitachi Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 70. Hitachi Wafer Defect Bright and Dark Field Inspection Equipment Production

(Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Hitachi Recent Developments/Updates

Table 72. Hitachi Competitive Strengths & Weaknesses

Table 73. Lasertec Corporation Basic Information, Manufacturing Base and Competitors

Table 74. Lasertec Corporation Major Business

Table 75. Lasertec Corporation Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 76. Lasertec Corporation Wafer Defect Bright and Dark Field Inspection

Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Lasertec Corporation Recent Developments/Updates

Table 78. Lasertec Corporation Competitive Strengths & Weaknesses

Table 79. Applied Materials Basic Information, Manufacturing Base and Competitors

Table 80. Applied Materials Major Business

Table 81. Applied Materials Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 82. Applied Materials Wafer Defect Bright and Dark Field Inspection Equipment

Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Applied Materials Recent Developments/Updates

Table 84. Applied Materials Competitive Strengths & Weaknesses

Table 85. InnoLas Solutions Basic Information, Manufacturing Base and Competitors

Table 86. InnoLas Solutions Major Business

Table 87. InnoLas Solutions Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 88. InnoLas Solutions Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. InnoLas Solutions Recent Developments/Updates

Table 90. InnoLas Solutions Competitive Strengths & Weaknesses

Table 91. NextIn Solutions Basic Information, Manufacturing Base and Competitors

Table 92. NextIn Solutions Major Business

Table 93. NextIn Solutions Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 94. NextIn Solutions Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. NextIn Solutions Recent Developments/Updates

Table 96. NextIn Solutions Competitive Strengths & Weaknesses

Table 97. Nano System Solutions Basic Information, Manufacturing Base and Competitors

Table 98. Nano System Solutions Major Business

Table 99. Nano System Solutions Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 100. Nano System Solutions Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Nano System Solutions Recent Developments/Updates

Table 102. Nano System Solutions Competitive Strengths & Weaknesses

Table 103. TORAY Basic Information, Manufacturing Base and Competitors

Table 104. TORAY Major Business

Table 105. TORAY Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 106. TORAY Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. TORAY Recent Developments/Updates

Table 108. TORAY Competitive Strengths & Weaknesses

Table 109. FRT GmbH Basic Information, Manufacturing Base and Competitors

Table 110. FRT GmbH Major Business

Table 111. FRT GmbH Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 112. FRT GmbH Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. FRT GmbH Recent Developments/Updates

Table 114. FRT GmbH Competitive Strengths & Weaknesses

Table 115. Onto Innovation Basic Information, Manufacturing Base and Competitors

Table 116. Onto Innovation Major Business

Table 117. Onto Innovation Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 118. Onto Innovation Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Onto Innovation Recent Developments/Updates

Table 120. Onto Innovation Competitive Strengths & Weaknesses

Table 121. Shanghai Precision Measurement Semiconductor Technology Basic Information, Manufacturing Base and Competitors

Table 122. Shanghai Precision Measurement Semiconductor Technology Major Business

Table 123. Shanghai Precision Measurement Semiconductor Technology Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 124. Shanghai Precision Measurement Semiconductor Technology Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Shanghai Precision Measurement Semiconductor Technology Recent Developments/Updates

Table 126. Shanghai Precision Measurement Semiconductor Technology Competitive Strengths & Weaknesses

Table 127. RSIC Scientific Instrument Basic Information, Manufacturing Base and Competitors

Table 128. RSIC Scientific Instrument Major Business

Table 129. RSIC Scientific Instrument Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 130. RSIC Scientific Instrument Wafer Defect Bright and Dark Field Inspection

Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. RSIC Scientific Instrument Recent Developments/Updates

Table 132. RSIC Scientific Instrument Competitive Strengths & Weaknesses

Table 133. Skyverse Technolog Basic Information, Manufacturing Base and Competitors

Table 134. Skyverse Technolog Major Business

Table 135. Skyverse Technolog Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 136. Skyverse Technolog Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Skyverse Technolog Recent Developments/Updates

Table 138. Skyverse Technolog Competitive Strengths & Weaknesses

Table 139. Zhongdao Optoelectronic Equipment Basic Information, Manufacturing Base and Competitors

Table 140. Zhongdao Optoelectronic Equipment Major Business

Table 141. Zhongdao Optoelectronic Equipment Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 142. Zhongdao Optoelectronic Equipment Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Zhongdao Optoelectronic Equipment Recent Developments/Updates

Table 144. HGTECH Basic Information, Manufacturing Base and Competitors

Table 145. HGTECH Major Business

Table 146. HGTECH Wafer Defect Bright and Dark Field Inspection Equipment Product and Services

Table 147. HGTECH Wafer Defect Bright and Dark Field Inspection Equipment Production (Unit), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 148. Global Key Players of Wafer Defect Bright and Dark Field Inspection Equipment Upstream (Raw Materials)

Table 149. Wafer Defect Bright and Dark Field Inspection Equipment Typical Customers

Table 150. Wafer Defect Bright and Dark Field Inspection Equipment Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Wafer Defect Bright and Dark Field Inspection Equipment Picture
- Figure 2. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029) & (Unit)
- Figure 5. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Region (2018-2029)
- Figure 7. World Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share by Region (2018-2029)
- Figure 8. North America Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029) & (Unit)
- Figure 9. Europe Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029) & (Unit)
- Figure 10. China Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029) & (Unit)
- Figure 11. Japan Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029) & (Unit)
- Figure 12. South Korea Wafer Defect Bright and Dark Field Inspection Equipment Production (2018-2029) & (Unit)
- Figure 13. Wafer Defect Bright and Dark Field Inspection Equipment Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 16. World Wafer Defect Bright and Dark Field Inspection Equipment Consumption Market Share by Region (2018-2029)
- Figure 17. United States Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 18. China Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 19. Europe Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)

- Figure 20. Japan Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 21. South Korea Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 22. ASEAN Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 23. India Wafer Defect Bright and Dark Field Inspection Equipment Consumption (2018-2029) & (Unit)
- Figure 24. Producer Shipments of Wafer Defect Bright and Dark Field Inspection Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Wafer Defect Bright and Dark Field Inspection Equipment Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Wafer Defect Bright and Dark Field Inspection Equipment Markets in 2022
- Figure 27. United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States VS China: Wafer Defect Bright and Dark Field Inspection Equipment Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 30. United States Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share 2022
- Figure 31. China Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share 2022
- Figure 32. Rest of World Based Manufacturers Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share 2022
- Figure 33. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 34. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Type in 2022
- Figure 35. Bright Field Detection
- Figure 36. Dark Field Detection
- Figure 37. World Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share by Type (2018-2029)
- Figure 38. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Type (2018-2029)
- Figure 39. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Type (2018-2029) & (US\$/Unit)
- Figure 40. World Wafer Defect Bright and Dark Field Inspection Equipment Production

Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Application in 2022

Figure 42. 2-4 Inch Wafer

Figure 43. 4-8 Inch Wafer

Figure 44. 8-12 Inch Wafer

Figure 45. Others

Figure 46. World Wafer Defect Bright and Dark Field Inspection Equipment Production Market Share by Application (2018-2029)

Figure 47. World Wafer Defect Bright and Dark Field Inspection Equipment Production Value Market Share by Application (2018-2029)

Figure 48. World Wafer Defect Bright and Dark Field Inspection Equipment Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Wafer Defect Bright and Dark Field Inspection Equipment Industry Chain

Figure 50. Wafer Defect Bright and Dark Field Inspection Equipment Procurement Model

Figure 51. Wafer Defect Bright and Dark Field Inspection Equipment Sales Model

Figure 52. Wafer Defect Bright and Dark Field Inspection Equipment Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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