

# Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview:

The Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size was estimated at USD 3375.12 million in 2023 and is projected to reach USD 5849.96 million by 2029, exhibiting a CAGR of 9.60% during the forecast period.

This report provides a deep insight into the global Semiconductor Brightfield and Greyfield Defect Inspection Equipment market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Semiconductor Brightfield and Greyfield Defect Inspection

Equipment market in any manner.

## Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

KLA Corporation

Hitachi High-Tech Corporation

Applied Materials, Inc.

Onto Innovation Inc.

Shenzhen Nanolighting Technology Co., Ltd.

TASMIT, Inc.

NEXTIN, Inc.

NanoSystem Solutions, Inc.

FRT GmbH

Chroma ATE, Inc.

### Market Segmentation (by Type)

Brightfield and Greyfield Defect Inspection Equipment

Brightfield Defect Inspection Equipment

Greyfield Defect Inspection Equipment

Market Segmentation (by Application)

Patterned Wafer Defect Inspection

Un-patterned Wafer

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 Semiconductor Brightfield and Greyfield Defect

## Inspection Equipment Market

Overview of the regional outlook of the Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market:

### 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 (USD Billion) 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

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

Note: this report may need to undergo a final check or review and this could take about 48 hours.

### 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 Semiconductor Brightfield and Greyfield Defect Inspection 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 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

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

1.1 Market Definition and Statistical Scope of Semiconductor Brightfield and Greyfield Defect Inspection Equipment

1.2 Key Market Segments

1.2.1 Semiconductor Brightfield and Greyfield Defect Inspection Equipment Segment by Type

1.2.2 Semiconductor Brightfield and Greyfield Defect Inspection 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 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET COMPETITIVE LANDSCAPE**

3.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Manufacturers (2019-2024)

3.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Revenue Market Share by Manufacturers (2019-2024)

3.3 Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment

Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Sites, Area Served, Product Type

3.6 Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Competitive Situation and Trends

3.6.1 Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Concentration Rate

3.6.2 Global 5 and 10 Largest Semiconductor Brightfield and Greyfield Defect Inspection Equipment Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT INDUSTRY CHAIN ANALYSIS**

4.1 Semiconductor Brightfield and Greyfield Defect Inspection 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 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

## **6 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales



Market Share by Type (2019-2024)

6.3 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Market Share by Type (2019-2024)

6.4 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Price by Type (2019-2024)

## **7 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Sales by Application (2019-2024)

7.3 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size (M USD) by Application (2019-2024)

7.4 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Growth Rate by Application (2019-2024)

## **8 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET SEGMENTATION BY REGION**

8.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Region

8.1.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Region

8.1.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Region

8.2 North America

8.2.1 North America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection

Equipment Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Semiconductor Brightfield and Greyfield Defect Inspection

Equipment Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Semiconductor Brightfield and Greyfield Defect Inspection

Equipment Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

9.1 KLA Corporation

9.1.1 KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection

Equipment Basic Information

9.1.2 KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection

Equipment Product Overview

9.1.3 KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection

Equipment Product Market Performance

9.1.4 KLA Corporation Business Overview

9.1.5 KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection

Equipment SWOT Analysis

9.1.6 KLA Corporation Recent Developments

9.2 Hitachi High-Tech Corporation

9.2.1 Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect

## Inspection Equipment Basic Information

9.2.2 Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect

## Inspection Equipment Product Overview

9.2.3 Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect

## Inspection Equipment Product Market Performance

9.2.4 Hitachi High-Tech Corporation Business Overview

9.2.5 Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect

## Inspection Equipment SWOT Analysis

9.2.6 Hitachi High-Tech Corporation Recent Developments

## 9.3 Applied Materials, Inc.

9.3.1 Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.3.2 Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.3.3 Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.3.4 Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment SWOT Analysis

9.3.5 Applied Materials, Inc. Business Overview

9.3.6 Applied Materials, Inc. Recent Developments

## 9.4 Onto Innovation Inc.

9.4.1 Onto Innovation Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.4.2 Onto Innovation Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.4.3 Onto Innovation Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.4.4 Onto Innovation Inc. Business Overview

9.4.5 Onto Innovation Inc. Recent Developments

## 9.5 Shenzhen Nanolighting Technology Co., Ltd.

9.5.1 Shenzhen Nanolighting Technology Co., Ltd. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.5.2 Shenzhen Nanolighting Technology Co., Ltd. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.5.3 Shenzhen Nanolighting Technology Co., Ltd. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.5.4 Shenzhen Nanolighting Technology Co., Ltd. Business Overview

9.5.5 Shenzhen Nanolighting Technology Co., Ltd. Recent Developments

## 9.6 TASMIT, Inc.

9.6.1 TASMIT, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.6.2 TASMIT, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.6.3 TASMIT, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.6.4 TASMIT, Inc. Business Overview

9.6.5 TASMIT, Inc. Recent Developments

9.7 NEXTIN, Inc.

9.7.1 NEXTIN, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.7.2 NEXTIN, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.7.3 NEXTIN, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.7.4 NEXTIN, Inc. Business Overview

9.7.5 NEXTIN, Inc. Recent Developments

9.8 NanoSystem Solutions, Inc.

9.8.1 NanoSystem Solutions, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.8.2 NanoSystem Solutions, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.8.3 NanoSystem Solutions, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.8.4 NanoSystem Solutions, Inc. Business Overview

9.8.5 NanoSystem Solutions, Inc. Recent Developments

9.9 FRT GmbH

9.9.1 FRT GmbH Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.9.2 FRT GmbH Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

9.9.3 FRT GmbH Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Market Performance

9.9.4 FRT GmbH Business Overview

9.9.5 FRT GmbH Recent Developments

9.10 Chroma ATE, Inc.

9.10.1 Chroma ATE, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

9.10.2 Chroma ATE, Inc. Semiconductor Brightfield and Greyfield Defect Inspection

## Equipment Product Overview

9.10.3 Chroma ATE, Inc. Semiconductor Brightfield and Greyfield Defect Inspection

## Equipment Product Market Performance

9.10.4 Chroma ATE, Inc. Business Overview

9.10.5 Chroma ATE, Inc. Recent Developments

## **10 SEMICONDUCTOR BRIGHTFIELD AND GREYFIELD DEFECT INSPECTION EQUIPMENT MARKET FORECAST BY REGION**

10.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast

10.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Country

10.2.3 Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Region

10.2.4 South America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Semiconductor Brightfield and Greyfield Defect Inspection Equipment by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

11.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Semiconductor Brightfield and Greyfield Defect Inspection Equipment by Type (2025-2030)

11.1.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Semiconductor Brightfield and Greyfield Defect Inspection Equipment by Type (2025-2030)

11.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Forecast by Application (2025-2030)

11.2.1 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) Forecast by Application

11.2.2 Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size (M USD) Forecast by Application (2025-2030)

## 12 CONCLUSION AND KEY FINDINGS

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Comparison by Region (M USD)

Table 5. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Semiconductor Brightfield and Greyfield Defect Inspection Equipment as of 2022)

Table 10. Global Market Semiconductor Brightfield and Greyfield Defect Inspection Equipment Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Sites and Area Served

Table 12. Manufacturers Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Type

Table 13. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Semiconductor Brightfield and Greyfield Defect Inspection Equipment

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. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Challenges

Table 22. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Type (K Units)

- Table 23. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size by Type (M USD)
- Table 24. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) by Type (2019-2024)
- Table 25. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Type (2019-2024)
- Table 26. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size (M USD) by Type (2019-2024)
- Table 27. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Share by Type (2019-2024)
- Table 28. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) by Application
- Table 30. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size by Application
- Table 31. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Application (2019-2024) & (K Units)
- Table 32. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Application (2019-2024)
- Table 33. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Application (2019-2024) & (M USD)
- Table 34. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Application (2019-2024)
- Table 35. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Growth Rate by Application (2019-2024)
- Table 36. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Region (2019-2024) & (K Units)
- Table 37. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Region (2019-2024)
- Table 38. North America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Region (2019-2024) & (K Units)
- Table 41. South America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Semiconductor Brightfield and Greyfield Defect



Inspection Equipment Sales by Region (2019-2024) & (K Units)

Table 43. KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 44. KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 45. KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. KLA Corporation Business Overview

Table 47. KLA Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment SWOT Analysis

Table 48. KLA Corporation Recent Developments

Table 49. Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 50. Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 51. Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. Hitachi High-Tech Corporation Business Overview

Table 53. Hitachi High-Tech Corporation Semiconductor Brightfield and Greyfield Defect Inspection Equipment SWOT Analysis

Table 54. Hitachi High-Tech Corporation Recent Developments

Table 55. Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 56. Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 57. Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. Applied Materials, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment SWOT Analysis

Table 59. Applied Materials, Inc. Business Overview

Table 60. Applied Materials, Inc. Recent Developments

Table 61. Onto Innovation Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 62. Onto Innovation Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 63. Onto Innovation Inc. Semiconductor Brightfield and Greyfield Defect

Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Onto Innovation Inc. Business Overview

Table 65. Onto Innovation Inc. Recent Developments

Table 66. Shenzhen Nanolighting Technology Co., Ltd. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 67. Shenzhen Nanolighting Technology Co., Ltd. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 68. Shenzhen Nanolighting Technology Co., Ltd. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Shenzhen Nanolighting Technology Co., Ltd. Business Overview

Table 70. Shenzhen Nanolighting Technology Co., Ltd. Recent Developments

Table 71. TASMIT, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 72. TASMIT, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 73. TASMIT, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. TASMIT, Inc. Business Overview

Table 75. TASMIT, Inc. Recent Developments

Table 76. NEXTIN, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 77. NEXTIN, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 78. NEXTIN, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. NEXTIN, Inc. Business Overview

Table 80. NEXTIN, Inc. Recent Developments

Table 81. NanoSystem Solutions, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 82. NanoSystem Solutions, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 83. NanoSystem Solutions, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. NanoSystem Solutions, Inc. Business Overview

Table 85. NanoSystem Solutions, Inc. Recent Developments

Table 86. FRT GmbH Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 87. FRT GmbH Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 88. FRT GmbH Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. FRT GmbH Business Overview

Table 90. FRT GmbH Recent Developments

Table 91. Chroma ATE, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Basic Information

Table 92. Chroma ATE, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Product Overview

Table 93. Chroma ATE, Inc. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Chroma ATE, Inc. Business Overview

Table 95. Chroma ATE, Inc. Recent Developments

Table 96. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Region (2025-2030) & (K Units)

Table 97. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Region (2025-2030) & (M USD)

Table 98. North America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Country (2025-2030) & (K Units)

Table 99. North America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Country (2025-2030) & (M USD)

Table 100. Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Country (2025-2030) & (K Units)

Table 101. Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Country (2025-2030) & (M USD)

Table 102. Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Region (2025-2030) & (K Units)

Table 103. Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Region (2025-2030) & (M USD)

Table 104. South America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Country (2025-2030) & (K Units)

Table 105. South America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Country (2025-2030) & (M USD)

Table 106. Middle East and Africa Semiconductor Brightfield and Greyfield Defect Inspection Equipment Consumption Forecast by Country (2025-2030) & (Units)

Table 107. Middle East and Africa Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Country (2025-2030) & (M USD)

Table 108. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Type (2025-2030) & (K Units)

Table 109. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Type (2025-2030) & (M USD)

Table 110. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Price Forecast by Type (2025-2030) & (USD/Unit)

Table 111. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) Forecast by Application (2025-2030)

Table 112. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Semiconductor Brightfield and Greyfield Defect Inspection Equipment
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size (M USD), 2019-2030
- Figure 5. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size (M USD) (2019-2030)
- Figure 6. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) & (2019-2030)
- 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. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size by Country (M USD)
- Figure 11. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Share by Manufacturers in 2023
- Figure 12. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Revenue Share by Manufacturers in 2023
- Figure 13. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Semiconductor Brightfield and Greyfield Defect Inspection Equipment Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Semiconductor Brightfield and Greyfield Defect Inspection Equipment Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Type
- Figure 18. Sales Market Share of Semiconductor Brightfield and Greyfield Defect Inspection Equipment by Type (2019-2024)
- Figure 19. Sales Market Share of Semiconductor Brightfield and Greyfield Defect Inspection Equipment by Type in 2023
- Figure 20. Market Size Share of Semiconductor Brightfield and Greyfield Defect Inspection Equipment by Type (2019-2024)
- Figure 21. Market Size Market Share of Semiconductor Brightfield and Greyfield Defect

Inspection Equipment by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Application

Figure 24. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Application (2019-2024)

Figure 25. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Application in 2023

Figure 26. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Application (2019-2024)

Figure 27. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share by Application in 2023

Figure 28. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Growth Rate by Application (2019-2024)

Figure 29. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Region (2019-2024)

Figure 30. North America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Country in 2023

Figure 32. U.S. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Country in 2023

Figure 37. Germany Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Semiconductor Brightfield and Greyfield Defect Inspection Equipment

Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Region in 2023

Figure 44. China Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (K Units)

Figure 50. South America Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Country in 2023

Figure 51. Brazil Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share Forecast by Type (2025-2030)

Figure 65. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Sales Forecast by Application (2025-2030)

Figure 66. Global Semiconductor Brightfield and Greyfield Defect Inspection Equipment Market Share Forecast by Application (2025-2030)



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