

Global Semiconductor Inspection Systems Market Growth 2025-2031

<https://marketpublishers.com/r/GCCF461D07BBEN.html>

Date: June 2026

Pages: 126

Price: US\$ 3,660.00 (Single User License)

ID: GCCF461D07BBEN

Abstracts

The global Semiconductor Inspection Systems market size is predicted to grow from US\$ 10230 million in 2025 to US\$ 13530 million in 2031; it is expected to grow at a CAGR of 4.8% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Semiconductor Inspection System is the equipment used in manufacturing process of semiconductor device to detect the failure.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

LP Information, Inc. (LPI) ' newest research report, the "Semiconductor Inspection Systems Industry Forecast" looks at past sales and reviews total world Semiconductor

Inspection Systems sales in 2024, providing a comprehensive analysis by region and market sector of projected Semiconductor Inspection Systems sales for 2025 through 2031. With Semiconductor Inspection Systems sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Inspection Systems industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Inspection Systems landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Semiconductor Inspection Systems portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Inspection Systems market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Inspection Systems and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Semiconductor Inspection Systems.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Inspection Systems market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Wafer Inspection System

Mask Inspection System

Segmentation by Application:

Foundries

Memory Manufacturers

Integrated Device Manufacturer (IDMs)

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

KLA-Tencor

Applied Materials

Herms Microvision

Lasertech

ASML Holding

Lam Research

JEOL

FEI

Carl Zeiss

Nikon

Hitachi High-Technologies

Nanometrics Incorporated

Planar Corporation

Rudolph Technologies

Toray Engineering

Tokyo Seimitsu

Key Questions Addressed in this Report

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

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

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

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

How does Semiconductor Inspection Systems break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Semiconductor Inspection Systems Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Semiconductor Inspection Systems by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Semiconductor Inspection Systems by Country/Region, 2020, 2024 & 2031
- 2.2 Semiconductor Inspection Systems Segment by Type
 - 2.2.1 Wafer Inspection System
 - 2.2.2 Mask Inspection System
- 2.3 Semiconductor Inspection Systems Sales by Type
 - 2.3.1 Global Semiconductor Inspection Systems Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Semiconductor Inspection Systems Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Semiconductor Inspection Systems Sale Price by Type (2020-2025)
- 2.4 Semiconductor Inspection Systems Segment by Application
 - 2.4.1 Foundries
 - 2.4.2 Memory Manufacturers
 - 2.4.3 Integrated Device Manufacturer (IDMs)
- 2.5 Semiconductor Inspection Systems Sales by Application
 - 2.5.1 Global Semiconductor Inspection Systems Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Semiconductor Inspection Systems Revenue and Market Share by Application (2020-2025)

2.5.3 Global Semiconductor Inspection Systems Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Semiconductor Inspection Systems Breakdown Data by Company

3.1.1 Global Semiconductor Inspection Systems Annual Sales by Company (2020-2025)

3.1.2 Global Semiconductor Inspection Systems Sales Market Share by Company (2020-2025)

3.2 Global Semiconductor Inspection Systems Annual Revenue by Company (2020-2025)

3.2.1 Global Semiconductor Inspection Systems Revenue by Company (2020-2025)

3.2.2 Global Semiconductor Inspection Systems Revenue Market Share by Company (2020-2025)

3.3 Global Semiconductor Inspection Systems Sale Price by Company

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

3.4.1 Key Manufacturers Semiconductor Inspection Systems Product Location Distribution

3.4.2 Players Semiconductor Inspection Systems Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SEMICONDUCTOR INSPECTION SYSTEMS BY GEOGRAPHIC REGION

4.1 World Historic Semiconductor Inspection Systems Market Size by Geographic Region (2020-2025)

4.1.1 Global Semiconductor Inspection Systems Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Semiconductor Inspection Systems Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Semiconductor Inspection Systems Market Size by Country/Region (2020-2025)

4.2.1 Global Semiconductor Inspection Systems Annual Sales by Country/Region (2020-2025)

4.2.2 Global Semiconductor Inspection Systems Annual Revenue by Country/Region (2020-2025)

4.3 Americas Semiconductor Inspection Systems Sales Growth

4.4 APAC Semiconductor Inspection Systems Sales Growth

4.5 Europe Semiconductor Inspection Systems Sales Growth

4.6 Middle East & Africa Semiconductor Inspection Systems Sales Growth

5 AMERICAS

5.1 Americas Semiconductor Inspection Systems Sales by Country

5.1.1 Americas Semiconductor Inspection Systems Sales by Country (2020-2025)

5.1.2 Americas Semiconductor Inspection Systems Revenue by Country (2020-2025)

5.2 Americas Semiconductor Inspection Systems Sales by Type (2020-2025)

5.3 Americas Semiconductor Inspection Systems Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Semiconductor Inspection Systems Sales by Region

6.1.1 APAC Semiconductor Inspection Systems Sales by Region (2020-2025)

6.1.2 APAC Semiconductor Inspection Systems Revenue by Region (2020-2025)

6.2 APAC Semiconductor Inspection Systems Sales by Type (2020-2025)

6.3 APAC Semiconductor Inspection Systems Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Semiconductor Inspection Systems by Country

7.1.1 Europe Semiconductor Inspection Systems Sales by Country (2020-2025)

7.1.2 Europe Semiconductor Inspection Systems Revenue by Country (2020-2025)

- 7.2 Europe Semiconductor Inspection Systems Sales by Type (2020-2025)
- 7.3 Europe Semiconductor Inspection Systems Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Semiconductor Inspection Systems by Country
 - 8.1.1 Middle East & Africa Semiconductor Inspection Systems Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Semiconductor Inspection Systems Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Semiconductor Inspection Systems Sales by Type (2020-2025)
- 8.3 Middle East & Africa Semiconductor Inspection Systems Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Semiconductor Inspection Systems
- 10.3 Manufacturing Process Analysis of Semiconductor Inspection Systems
- 10.4 Industry Chain Structure of Semiconductor Inspection Systems

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Semiconductor Inspection Systems Distributors
- 11.3 Semiconductor Inspection Systems Customer

12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR INSPECTION SYSTEMS BY GEOGRAPHIC REGION

- 12.1 Global Semiconductor Inspection Systems Market Size Forecast by Region
 - 12.1.1 Global Semiconductor Inspection Systems Forecast by Region (2026-2031)
 - 12.1.2 Global Semiconductor Inspection Systems Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Semiconductor Inspection Systems Forecast by Type (2026-2031)
- 12.7 Global Semiconductor Inspection Systems Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 KLA-Tencor
 - 13.1.1 KLA-Tencor Company Information
 - 13.1.2 KLA-Tencor Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.1.3 KLA-Tencor Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 KLA-Tencor Main Business Overview
 - 13.1.5 KLA-Tencor Latest Developments
- 13.2 Applied Materials
 - 13.2.1 Applied Materials Company Information
 - 13.2.2 Applied Materials Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.2.3 Applied Materials Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Applied Materials Main Business Overview
 - 13.2.5 Applied Materials Latest Developments
- 13.3 Herms Microvision

- 13.3.1 Herms Microvision Company Information
- 13.3.2 Herms Microvision Semiconductor Inspection Systems Product Portfolios and Specifications
- 13.3.3 Herms Microvision Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.3.4 Herms Microvision Main Business Overview
- 13.3.5 Herms Microvision Latest Developments
- 13.4 Lasertech
 - 13.4.1 Lasertech Company Information
 - 13.4.2 Lasertech Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.4.3 Lasertech Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.4.4 Lasertech Main Business Overview
 - 13.4.5 Lasertech Latest Developments
- 13.5 ASML Holding
 - 13.5.1 ASML Holding Company Information
 - 13.5.2 ASML Holding Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.5.3 ASML Holding Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 ASML Holding Main Business Overview
 - 13.5.5 ASML Holding Latest Developments
- 13.6 Lam Research
 - 13.6.1 Lam Research Company Information
 - 13.6.2 Lam Research Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.6.3 Lam Research Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Lam Research Main Business Overview
 - 13.6.5 Lam Research Latest Developments
- 13.7 JEOL
 - 13.7.1 JEOL Company Information
 - 13.7.2 JEOL Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.7.3 JEOL Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 JEOL Main Business Overview
 - 13.7.5 JEOL Latest Developments
- 13.8 FEI

- 13.8.1 FEI Company Information
- 13.8.2 FEI Semiconductor Inspection Systems Product Portfolios and Specifications
- 13.8.3 FEI Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.8.4 FEI Main Business Overview
- 13.8.5 FEI Latest Developments
- 13.9 Carl Zeiss
 - 13.9.1 Carl Zeiss Company Information
 - 13.9.2 Carl Zeiss Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.9.3 Carl Zeiss Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 Carl Zeiss Main Business Overview
 - 13.9.5 Carl Zeiss Latest Developments
- 13.10 Nikon
 - 13.10.1 Nikon Company Information
 - 13.10.2 Nikon Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.10.3 Nikon Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 Nikon Main Business Overview
 - 13.10.5 Nikon Latest Developments
- 13.11 Hitachi High-Technologies
 - 13.11.1 Hitachi High-Technologies Company Information
 - 13.11.2 Hitachi High-Technologies Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.11.3 Hitachi High-Technologies Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Hitachi High-Technologies Main Business Overview
 - 13.11.5 Hitachi High-Technologies Latest Developments
- 13.12 Nanometrics Incorporated
 - 13.12.1 Nanometrics Incorporated Company Information
 - 13.12.2 Nanometrics Incorporated Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.12.3 Nanometrics Incorporated Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 Nanometrics Incorporated Main Business Overview
 - 13.12.5 Nanometrics Incorporated Latest Developments
- 13.13 Planar Corporation

- 13.13.1 Planar Corporation Company Information
- 13.13.2 Planar Corporation Semiconductor Inspection Systems Product Portfolios and Specifications
- 13.13.3 Planar Corporation Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.13.4 Planar Corporation Main Business Overview
- 13.13.5 Planar Corporation Latest Developments
- 13.14 Rudolph Technologies
 - 13.14.1 Rudolph Technologies Company Information
 - 13.14.2 Rudolph Technologies Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.14.3 Rudolph Technologies Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.14.4 Rudolph Technologies Main Business Overview
 - 13.14.5 Rudolph Technologies Latest Developments
- 13.15 Toray Engineering
 - 13.15.1 Toray Engineering Company Information
 - 13.15.2 Toray Engineering Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.15.3 Toray Engineering Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.15.4 Toray Engineering Main Business Overview
 - 13.15.5 Toray Engineering Latest Developments
- 13.16 Tokyo Seimitsu
 - 13.16.1 Tokyo Seimitsu Company Information
 - 13.16.2 Tokyo Seimitsu Semiconductor Inspection Systems Product Portfolios and Specifications
 - 13.16.3 Tokyo Seimitsu Semiconductor Inspection Systems Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 Tokyo Seimitsu Main Business Overview
 - 13.16.5 Tokyo Seimitsu Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Semiconductor Inspection Systems Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Semiconductor Inspection Systems Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Wafer Inspection System
- Table 4. Major Players of Mask Inspection System
- Table 5. Global Semiconductor Inspection Systems Sales by Type (2020-2025) & (Units)
- Table 6. Global Semiconductor Inspection Systems Sales Market Share by Type (2020-2025)
- Table 7. Global Semiconductor Inspection Systems Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Semiconductor Inspection Systems Revenue Market Share by Type (2020-2025)
- Table 9. Global Semiconductor Inspection Systems Sale Price by Type (2020-2025) & (K USD/Unit)
- Table 10. Global Semiconductor Inspection Systems Sale by Application (2020-2025) & (Units)
- Table 11. Global Semiconductor Inspection Systems Sale Market Share by Application (2020-2025)
- Table 12. Global Semiconductor Inspection Systems Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Semiconductor Inspection Systems Revenue Market Share by Application (2020-2025)
- Table 14. Global Semiconductor Inspection Systems Sale Price by Application (2020-2025) & (K USD/Unit)
- Table 15. Global Semiconductor Inspection Systems Sales by Company (2020-2025) & (Units)
- Table 16. Global Semiconductor Inspection Systems Sales Market Share by Company (2020-2025)
- Table 17. Global Semiconductor Inspection Systems Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Semiconductor Inspection Systems Revenue Market Share by Company (2020-2025)
- Table 19. Global Semiconductor Inspection Systems Sale Price by Company

(2020-2025) & (K USD/Unit)

Table 20. Key Manufacturers Semiconductor Inspection Systems Producing Area Distribution and Sales Area

Table 21. Players Semiconductor Inspection Systems Products Offered

Table 22. Semiconductor Inspection Systems Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Semiconductor Inspection Systems Sales by Geographic Region (2020-2025) & (Units)

Table 26. Global Semiconductor Inspection Systems Sales Market Share Geographic Region (2020-2025)

Table 27. Global Semiconductor Inspection Systems Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Semiconductor Inspection Systems Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Semiconductor Inspection Systems Sales by Country/Region (2020-2025) & (Units)

Table 30. Global Semiconductor Inspection Systems Sales Market Share by Country/Region (2020-2025)

Table 31. Global Semiconductor Inspection Systems Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Semiconductor Inspection Systems Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Semiconductor Inspection Systems Sales by Country (2020-2025) & (Units)

Table 34. Americas Semiconductor Inspection Systems Sales Market Share by Country (2020-2025)

Table 35. Americas Semiconductor Inspection Systems Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Semiconductor Inspection Systems Sales by Type (2020-2025) & (Units)

Table 37. Americas Semiconductor Inspection Systems Sales by Application (2020-2025) & (Units)

Table 38. APAC Semiconductor Inspection Systems Sales by Region (2020-2025) & (Units)

Table 39. APAC Semiconductor Inspection Systems Sales Market Share by Region (2020-2025)

Table 40. APAC Semiconductor Inspection Systems Revenue by Region (2020-2025) &

(\$ millions)

Table 41. APAC Semiconductor Inspection Systems Sales by Type (2020-2025) & (Units)

Table 42. APAC Semiconductor Inspection Systems Sales by Application (2020-2025) & (Units)

Table 43. Europe Semiconductor Inspection Systems Sales by Country (2020-2025) & (Units)

Table 44. Europe Semiconductor Inspection Systems Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Semiconductor Inspection Systems Sales by Type (2020-2025) & (Units)

Table 46. Europe Semiconductor Inspection Systems Sales by Application (2020-2025) & (Units)

Table 47. Middle East & Africa Semiconductor Inspection Systems Sales by Country (2020-2025) & (Units)

Table 48. Middle East & Africa Semiconductor Inspection Systems Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Semiconductor Inspection Systems Sales by Type (2020-2025) & (Units)

Table 50. Middle East & Africa Semiconductor Inspection Systems Sales by Application (2020-2025) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of Semiconductor Inspection Systems

Table 52. Key Market Challenges & Risks of Semiconductor Inspection Systems

Table 53. Key Industry Trends of Semiconductor Inspection Systems

Table 54. Semiconductor Inspection Systems Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Semiconductor Inspection Systems Distributors List

Table 57. Semiconductor Inspection Systems Customer List

Table 58. Global Semiconductor Inspection Systems Sales Forecast by Region (2026-2031) & (Units)

Table 59. Global Semiconductor Inspection Systems Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Semiconductor Inspection Systems Sales Forecast by Country (2026-2031) & (Units)

Table 61. Americas Semiconductor Inspection Systems Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Semiconductor Inspection Systems Sales Forecast by Region (2026-2031) & (Units)

Table 63. APAC Semiconductor Inspection Systems Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Semiconductor Inspection Systems Sales Forecast by Country (2026-2031) & (Units)

Table 65. Europe Semiconductor Inspection Systems Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Semiconductor Inspection Systems Sales Forecast by Country (2026-2031) & (Units)

Table 67. Middle East & Africa Semiconductor Inspection Systems Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Semiconductor Inspection Systems Sales Forecast by Type (2026-2031) & (Units)

Table 69. Global Semiconductor Inspection Systems Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Semiconductor Inspection Systems Sales Forecast by Application (2026-2031) & (Units)

Table 71. Global Semiconductor Inspection Systems Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. KLA-Tencor Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 73. KLA-Tencor Semiconductor Inspection Systems Product Portfolios and Specifications

Table 74. KLA-Tencor Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 75. KLA-Tencor Main Business

Table 76. KLA-Tencor Latest Developments

Table 77. Applied Materials Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 78. Applied Materials Semiconductor Inspection Systems Product Portfolios and Specifications

Table 79. Applied Materials Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 80. Applied Materials Main Business

Table 81. Applied Materials Latest Developments

Table 82. Herms Microvision Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 83. Herms Microvision Semiconductor Inspection Systems Product Portfolios and Specifications

Table 84. Herms Microvision Semiconductor Inspection Systems Sales (Units),

Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 85. Herms Microvision Main Business

Table 86. Herms Microvision Latest Developments

Table 87. Lasertech Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 88. Lasertech Semiconductor Inspection Systems Product Portfolios and Specifications

Table 89. Lasertech Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 90. Lasertech Main Business

Table 91. Lasertech Latest Developments

Table 92. ASML Holding Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 93. ASML Holding Semiconductor Inspection Systems Product Portfolios and Specifications

Table 94. ASML Holding Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 95. ASML Holding Main Business

Table 96. ASML Holding Latest Developments

Table 97. Lam Research Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 98. Lam Research Semiconductor Inspection Systems Product Portfolios and Specifications

Table 99. Lam Research Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 100. Lam Research Main Business

Table 101. Lam Research Latest Developments

Table 102. JEOL Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 103. JEOL Semiconductor Inspection Systems Product Portfolios and Specifications

Table 104. JEOL Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 105. JEOL Main Business

Table 106. JEOL Latest Developments

Table 107. FEI Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 108. FEI Semiconductor Inspection Systems Product Portfolios and Specifications

Table 109. FEI Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 110. FEI Main Business

Table 111. FEI Latest Developments

Table 112. Carl Zeiss Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 113. Carl Zeiss Semiconductor Inspection Systems Product Portfolios and Specifications

Table 114. Carl Zeiss Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 115. Carl Zeiss Main Business

Table 116. Carl Zeiss Latest Developments

Table 117. Nikon Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 118. Nikon Semiconductor Inspection Systems Product Portfolios and Specifications

Table 119. Nikon Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 120. Nikon Main Business

Table 121. Nikon Latest Developments

Table 122. Hitachi High-Technologies Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 123. Hitachi High-Technologies Semiconductor Inspection Systems Product Portfolios and Specifications

Table 124. Hitachi High-Technologies Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 125. Hitachi High-Technologies Main Business

Table 126. Hitachi High-Technologies Latest Developments

Table 127. Nanometrics Incorporated Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 128. Nanometrics Incorporated Semiconductor Inspection Systems Product Portfolios and Specifications

Table 129. Nanometrics Incorporated Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 130. Nanometrics Incorporated Main Business

Table 131. Nanometrics Incorporated Latest Developments

Table 132. Planar Corporation Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 133. Planar Corporation Semiconductor Inspection Systems Product Portfolios

and Specifications

Table 134. Planar Corporation Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 135. Planar Corporation Main Business

Table 136. Planar Corporation Latest Developments

Table 137. Rudolph Technologies Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 138. Rudolph Technologies Semiconductor Inspection Systems Product Portfolios and Specifications

Table 139. Rudolph Technologies Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 140. Rudolph Technologies Main Business

Table 141. Rudolph Technologies Latest Developments

Table 142. Toray Engineering Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 143. Toray Engineering Semiconductor Inspection Systems Product Portfolios and Specifications

Table 144. Toray Engineering Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 145. Toray Engineering Main Business

Table 146. Toray Engineering Latest Developments

Table 147. Tokyo Seimitsu Basic Information, Semiconductor Inspection Systems Manufacturing Base, Sales Area and Its Competitors

Table 148. Tokyo Seimitsu Semiconductor Inspection Systems Product Portfolios and Specifications

Table 149. Tokyo Seimitsu Semiconductor Inspection Systems Sales (Units), Revenue (\$ Million), Price (K USD/Unit) and Gross Margin (2020-2025)

Table 150. Tokyo Seimitsu Main Business

Table 151. Tokyo Seimitsu Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Semiconductor Inspection Systems
- Figure 2. Semiconductor Inspection Systems Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Semiconductor Inspection Systems Sales Growth Rate 2020-2031 (Units)
- Figure 7. Global Semiconductor Inspection Systems Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Semiconductor Inspection Systems Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Semiconductor Inspection Systems Sales Market Share by Country/Region (2024)
- Figure 10. Semiconductor Inspection Systems Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Wafer Inspection System
- Figure 12. Product Picture of Mask Inspection System
- Figure 13. Global Semiconductor Inspection Systems Sales Market Share by Type in 2025
- Figure 14. Global Semiconductor Inspection Systems Revenue Market Share by Type (2020-2025)
- Figure 15. Semiconductor Inspection Systems Consumed in Foundries
- Figure 16. Global Semiconductor Inspection Systems Market: Foundries (2020-2025) & (Units)
- Figure 17. Semiconductor Inspection Systems Consumed in Memory Manufacturers
- Figure 18. Global Semiconductor Inspection Systems Market: Memory Manufacturers (2020-2025) & (Units)
- Figure 19. Semiconductor Inspection Systems Consumed in Integrated Device Manufacturer (IDMs)
- Figure 20. Global Semiconductor Inspection Systems Market: Integrated Device Manufacturer (IDMs) (2020-2025) & (Units)
- Figure 21. Global Semiconductor Inspection Systems Sale Market Share by Application (2024)
- Figure 22. Global Semiconductor Inspection Systems Revenue Market Share by Application in 2025

Figure 23. Semiconductor Inspection Systems Sales by Company in 2025 (Units)

Figure 24. Global Semiconductor Inspection Systems Sales Market Share by Company in 2025

Figure 25. Semiconductor Inspection Systems Revenue by Company in 2025 (\$ millions)

Figure 26. Global Semiconductor Inspection Systems Revenue Market Share by Company in 2025

Figure 27. Global Semiconductor Inspection Systems Sales Market Share by Geographic Region (2020-2025)

Figure 28. Global Semiconductor Inspection Systems Revenue Market Share by Geographic Region in 2025

Figure 29. Americas Semiconductor Inspection Systems Sales 2020-2025 (Units)

Figure 30. Americas Semiconductor Inspection Systems Revenue 2020-2025 (\$ millions)

Figure 31. APAC Semiconductor Inspection Systems Sales 2020-2025 (Units)

Figure 32. APAC Semiconductor Inspection Systems Revenue 2020-2025 (\$ millions)

Figure 33. Europe Semiconductor Inspection Systems Sales 2020-2025 (Units)

Figure 34. Europe Semiconductor Inspection Systems Revenue 2020-2025 (\$ millions)

Figure 35. Middle East & Africa Semiconductor Inspection Systems Sales 2020-2025 (Units)

Figure 36. Middle East & Africa Semiconductor Inspection Systems Revenue 2020-2025 (\$ millions)

Figure 37. Americas Semiconductor Inspection Systems Sales Market Share by Country in 2025

Figure 38. Americas Semiconductor Inspection Systems Revenue Market Share by Country (2020-2025)

Figure 39. Americas Semiconductor Inspection Systems Sales Market Share by Type (2020-2025)

Figure 40. Americas Semiconductor Inspection Systems Sales Market Share by Application (2020-2025)

Figure 41. United States Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 42. Canada Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 43. Mexico Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 44. Brazil Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 45. APAC Semiconductor Inspection Systems Sales Market Share by Region in

2025

Figure 46. APAC Semiconductor Inspection Systems Revenue Market Share by Region (2020-2025)

Figure 47. APAC Semiconductor Inspection Systems Sales Market Share by Type (2020-2025)

Figure 48. APAC Semiconductor Inspection Systems Sales Market Share by Application (2020-2025)

Figure 49. China Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 50. Japan Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 51. South Korea Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 52. Southeast Asia Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 53. India Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 54. Australia Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 55. China Taiwan Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 56. Europe Semiconductor Inspection Systems Sales Market Share by Country in 2025

Figure 57. Europe Semiconductor Inspection Systems Revenue Market Share by Country (2020-2025)

Figure 58. Europe Semiconductor Inspection Systems Sales Market Share by Type (2020-2025)

Figure 59. Europe Semiconductor Inspection Systems Sales Market Share by Application (2020-2025)

Figure 60. Germany Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 61. France Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 62. UK Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 63. Italy Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 64. Russia Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 65. Middle East & Africa Semiconductor Inspection Systems Sales Market Share by Country (2020-2025)

Figure 66. Middle East & Africa Semiconductor Inspection Systems Sales Market Share by Type (2020-2025)

Figure 67. Middle East & Africa Semiconductor Inspection Systems Sales Market Share by Application (2020-2025)

Figure 68. Egypt Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 69. South Africa Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 70. Israel Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 71. Turkey Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 72. GCC Countries Semiconductor Inspection Systems Revenue Growth 2020-2025 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Semiconductor Inspection Systems in 2025

Figure 74. Manufacturing Process Analysis of Semiconductor Inspection Systems

Figure 75. Industry Chain Structure of Semiconductor Inspection Systems

Figure 76. Channels of Distribution

Figure 77. Global Semiconductor Inspection Systems Sales Market Forecast by Region (2026-2031)

Figure 78. Global Semiconductor Inspection Systems Revenue Market Share Forecast by Region (2026-2031)

Figure 79. Global Semiconductor Inspection Systems Sales Market Share Forecast by Type (2026-2031)

Figure 80. Global Semiconductor Inspection Systems Revenue Market Share Forecast by Type (2026-2031)

Figure 81. Global Semiconductor Inspection Systems Sales Market Share Forecast by Application (2026-2031)

Figure 82. Global Semiconductor Inspection Systems Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global Semiconductor Inspection Systems Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GCCF461D07BBEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCCF461D07BBEN.html>