

Global 3D Automated Optical Inspection (AOI) Equipment Market Research Report 2024, Forecast to 2032

<https://marketpublishers.com/r/G95C65E6A146EN.html>

Date: October 2024

Pages: 156

Price: US\$ 3,200.00 (Single User License)

ID: G95C65E6A146EN

Abstracts

Report Overview

3D AOI is a new type of testing technology emerging from the emerging world, but it has developed rapidly. Many manufacturers have introduced AOI testing equipment. 3D AOI enables precise inspection and measurement of the height dimension of devices on the PCB and provides clear side-view images of ICs and various devices. When it is automatically detected, the machine automatically scans the PCB through the camera, collects images, and compares the solder joints tested with the qualified parameters in the database. After image processing, the defects on the PCB are checked, and the defects are displayed/marked through the display or automatic signs.

The global 3D Automated Optical Inspection (AOI) Equipment market size was estimated at USD 431 million in 2023 and is projected to reach USD 2838.87 million by 2032, exhibiting a CAGR of 23.30% during the forecast period.

North America 3D Automated Optical Inspection (AOI) Equipment market size was estimated at USD 161.64 million in 2023, at a CAGR of 19.97% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global 3D Automated Optical Inspection (AOI) 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, 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 3D Automated Optical Inspection (AOI) 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 3D Automated Optical Inspection (AOI) Equipment market in any manner.

Global 3D Automated Optical Inspection (AOI) 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

Koh Young Technology

Mirtec

ViTrox Corporation Berhad

Saki Corporation

Cyberoptics Corporation

Omron Corporation

Viscom

Test Research

Parmi Corp

VI Technology (Mycronic)

G?PEL electronic GmbH

Machine Vision Products (MVP)

Mek Marantz Electronics

Pemtron Corp.

Nordson YESTECH

JUTZE Intelligence Technology

Market Segmentation (by Type)

Inline 3D AOI

Offline 3D AOI

Market Segmentation (by Application)

PCB Industry

Panel Display Industry

Other Industries (Semiconductors, Solar Cells, Medical, Etc.)

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 3D Automated Optical Inspection (AOI) Equipment Market

Overview of the regional outlook of the 3D Automated Optical Inspection (AOI) 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 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.

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 3D Automated Optical Inspection (AOI) 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 from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of 3D Automated Optical Inspection

(AOI) Equipment, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

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

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

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

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of 3D Automated Optical Inspection (AOI) Equipment

1.2 Key Market Segments

1.2.1 3D Automated Optical Inspection (AOI) Equipment Segment by Type

1.2.2 3D Automated Optical Inspection (AOI) 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 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global 3D Automated Optical Inspection (AOI) Equipment Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global 3D Automated Optical Inspection (AOI) Equipment Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET COMPETITIVE LANDSCAPE

3.1 Global 3D Automated Optical Inspection (AOI) Equipment Sales by Manufacturers (2019-2024)

3.2 Global 3D Automated Optical Inspection (AOI) Equipment Revenue Market Share by Manufacturers (2019-2024)

3.3 3D Automated Optical Inspection (AOI) Equipment Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global 3D Automated Optical Inspection (AOI) Equipment Average Price by Manufacturers (2019-2024)

3.5 Manufacturers 3D Automated Optical Inspection (AOI) Equipment Sales Sites, Area

Served, Product Type

3.6 3D Automated Optical Inspection (AOI) Equipment Market Competitive Situation and Trends

3.6.1 3D Automated Optical Inspection (AOI) Equipment Market Concentration Rate

3.6.2 Global 5 and 10 Largest 3D Automated Optical Inspection (AOI) Equipment Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT INDUSTRY CHAIN ANALYSIS

4.1 3D Automated Optical Inspection (AOI) 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 3D AUTOMATED OPTICAL INSPECTION (AOI) 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 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Type (2019-2024)

6.3 Global 3D Automated Optical Inspection (AOI) Equipment Market Size Market Share by Type (2019-2024)

6.4 Global 3D Automated Optical Inspection (AOI) Equipment Price by Type

(2019-2024)

7 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global 3D Automated Optical Inspection (AOI) Equipment Market Sales by Application (2019-2024)

7.3 Global 3D Automated Optical Inspection (AOI) Equipment Market Size (M USD) by Application (2019-2024)

7.4 Global 3D Automated Optical Inspection (AOI) Equipment Sales Growth Rate by Application (2019-2024)

8 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET CONSUMPTION BY REGION

8.1 Global 3D Automated Optical Inspection (AOI) Equipment Sales by Region

8.1.1 Global 3D Automated Optical Inspection (AOI) Equipment Sales by Region

8.1.2 Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Region

8.2 North America

8.2.1 North America 3D Automated Optical Inspection (AOI) Equipment Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe 3D Automated Optical Inspection (AOI) 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 3D Automated Optical Inspection (AOI) 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 3D Automated Optical Inspection (AOI) 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 3D Automated Optical Inspection (AOI) 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 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET PRODUCTION BY REGION

9.1 Global Production of 3D Automated Optical Inspection (AOI) Equipment by Region (2019-2024)

9.2 Global 3D Automated Optical Inspection (AOI) Equipment Revenue Market Share by Region (2019-2024)

9.3 Global 3D Automated Optical Inspection (AOI) Equipment Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America 3D Automated Optical Inspection (AOI) Equipment Production

9.4.1 North America 3D Automated Optical Inspection (AOI) Equipment Production Growth Rate (2019-2024)

9.4.2 North America 3D Automated Optical Inspection (AOI) Equipment Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe 3D Automated Optical Inspection (AOI) Equipment Production

9.5.1 Europe 3D Automated Optical Inspection (AOI) Equipment Production Growth Rate (2019-2024)

9.5.2 Europe 3D Automated Optical Inspection (AOI) Equipment Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan 3D Automated Optical Inspection (AOI) Equipment Production (2019-2024)

9.6.1 Japan 3D Automated Optical Inspection (AOI) Equipment Production Growth Rate (2019-2024)

9.6.2 Japan 3D Automated Optical Inspection (AOI) Equipment Production, Revenue,

Price and Gross Margin (2019-2024)

9.7 China 3D Automated Optical Inspection (AOI) Equipment Production (2019-2024)

9.7.1 China 3D Automated Optical Inspection (AOI) Equipment Production Growth Rate (2019-2024)

9.7.2 China 3D Automated Optical Inspection (AOI) Equipment Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Koh Young Technology

10.1.1 Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.1.2 Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.1.3 Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.1.4 Koh Young Technology Business Overview

10.1.5 Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment SWOT Analysis

10.1.6 Koh Young Technology Recent Developments

10.2 Mirtec

10.2.1 Mirtec 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.2.2 Mirtec 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.2.3 Mirtec 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.2.4 Mirtec Business Overview

10.2.5 Mirtec 3D Automated Optical Inspection (AOI) Equipment SWOT Analysis

10.2.6 Mirtec Recent Developments

10.3 ViTrox Corporation Berhad

10.3.1 ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.3.2 ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.3.3 ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.3.4 ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment SWOT Analysis

10.3.5 ViTrox Corporation Berhad Business Overview

10.3.6 ViTrox Corporation Berhad Recent Developments

10.4 Saki Corporation

10.4.1 Saki Corporation 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.4.2 Saki Corporation 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.4.3 Saki Corporation 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.4.4 Saki Corporation Business Overview

10.4.5 Saki Corporation Recent Developments

10.5 Cyberoptics Corporation

10.5.1 Cyberoptics Corporation 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.5.2 Cyberoptics Corporation 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.5.3 Cyberoptics Corporation 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.5.4 Cyberoptics Corporation Business Overview

10.5.5 Cyberoptics Corporation Recent Developments

10.6 Omron Corporation

10.6.1 Omron Corporation 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.6.2 Omron Corporation 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.6.3 Omron Corporation 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.6.4 Omron Corporation Business Overview

10.6.5 Omron Corporation Recent Developments

10.7 Viscom

10.7.1 Viscom 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.7.2 Viscom 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.7.3 Viscom 3D Automated Optical Inspection (AOI) Equipment Product Market Performance

10.7.4 Viscom Business Overview

10.7.5 Viscom Recent Developments

10.8 Test Research

10.8.1 Test Research 3D Automated Optical Inspection (AOI) Equipment Basic Information

10.8.2 Test Research 3D Automated Optical Inspection (AOI) Equipment Product Overview

10.8.3 Test Research 3D Automated Optical Inspection (AOI) Equipment Product
Market Performance

10.8.4 Test Research Business Overview

10.8.5 Test Research Recent Developments

10.9 Parmi Corp

10.9.1 Parmi Corp 3D Automated Optical Inspection (AOI) Equipment Basic
Information

10.9.2 Parmi Corp 3D Automated Optical Inspection (AOI) Equipment Product
Overview

10.9.3 Parmi Corp 3D Automated Optical Inspection (AOI) Equipment Product Market
Performance

10.9.4 Parmi Corp Business Overview

10.9.5 Parmi Corp Recent Developments

10.10 VI Technology (Mycronic)

10.10.1 VI Technology (Mycronic) 3D Automated Optical Inspection (AOI) Equipment
Basic Information

10.10.2 VI Technology (Mycronic) 3D Automated Optical Inspection (AOI) Equipment
Product Overview

10.10.3 VI Technology (Mycronic) 3D Automated Optical Inspection (AOI) Equipment
Product Market Performance

10.10.4 VI Technology (Mycronic) Business Overview

10.10.5 VI Technology (Mycronic) Recent Developments

10.11 G?PEL electronic GmbH

10.11.1 G?PEL electronic GmbH 3D Automated Optical Inspection (AOI) Equipment
Basic Information

10.11.2 G?PEL electronic GmbH 3D Automated Optical Inspection (AOI) Equipment
Product Overview

10.11.3 G?PEL electronic GmbH 3D Automated Optical Inspection (AOI) Equipment
Product Market Performance

10.11.4 G?PEL electronic GmbH Business Overview

10.11.5 G?PEL electronic GmbH Recent Developments

10.12 Machine Vision Products (MVP)

10.12.1 Machine Vision Products (MVP) 3D Automated Optical Inspection (AOI)
Equipment Basic Information

10.12.2 Machine Vision Products (MVP) 3D Automated Optical Inspection (AOI)
Equipment Product Overview

10.12.3 Machine Vision Products (MVP) 3D Automated Optical Inspection (AOI)
Equipment Product Market Performance

10.12.4 Machine Vision Products (MVP) Business Overview

- 10.12.5 Machine Vision Products (MVP) Recent Developments
- 10.13 Mek Marantz Electronics
 - 10.13.1 Mek Marantz Electronics 3D Automated Optical Inspection (AOI) Equipment Basic Information
 - 10.13.2 Mek Marantz Electronics 3D Automated Optical Inspection (AOI) Equipment Product Overview
 - 10.13.3 Mek Marantz Electronics 3D Automated Optical Inspection (AOI) Equipment Product Market Performance
 - 10.13.4 Mek Marantz Electronics Business Overview
 - 10.13.5 Mek Marantz Electronics Recent Developments
- 10.14 Pemtron Corp.
 - 10.14.1 Pemtron Corp. 3D Automated Optical Inspection (AOI) Equipment Basic Information
 - 10.14.2 Pemtron Corp. 3D Automated Optical Inspection (AOI) Equipment Product Overview
 - 10.14.3 Pemtron Corp. 3D Automated Optical Inspection (AOI) Equipment Product Market Performance
 - 10.14.4 Pemtron Corp. Business Overview
 - 10.14.5 Pemtron Corp. Recent Developments
- 10.15 Nordson YESTECH
 - 10.15.1 Nordson YESTECH 3D Automated Optical Inspection (AOI) Equipment Basic Information
 - 10.15.2 Nordson YESTECH 3D Automated Optical Inspection (AOI) Equipment Product Overview
 - 10.15.3 Nordson YESTECH 3D Automated Optical Inspection (AOI) Equipment Product Market Performance
 - 10.15.4 Nordson YESTECH Business Overview
 - 10.15.5 Nordson YESTECH Recent Developments
- 10.16 JUTZE Intelligence Technology
 - 10.16.1 JUTZE Intelligence Technology 3D Automated Optical Inspection (AOI) Equipment Basic Information
 - 10.16.2 JUTZE Intelligence Technology 3D Automated Optical Inspection (AOI) Equipment Product Overview
 - 10.16.3 JUTZE Intelligence Technology 3D Automated Optical Inspection (AOI) Equipment Product Market Performance
 - 10.16.4 JUTZE Intelligence Technology Business Overview
 - 10.16.5 JUTZE Intelligence Technology Recent Developments

11 3D AUTOMATED OPTICAL INSPECTION (AOI) EQUIPMENT MARKET

FORECAST BY REGION

11.1 Global 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast

11.2 Global 3D Automated Optical Inspection (AOI) Equipment Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Country

11.2.3 Asia Pacific 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Region

11.2.4 South America 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Consumption of 3D Automated Optical Inspection (AOI) Equipment by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global 3D Automated Optical Inspection (AOI) Equipment Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of 3D Automated Optical Inspection (AOI) Equipment by Type (2025-2032)

12.1.2 Global 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of 3D Automated Optical Inspection (AOI) Equipment by Type (2025-2032)

12.2 Global 3D Automated Optical Inspection (AOI) Equipment Market Forecast by Application (2025-2032)

12.2.1 Global 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) Forecast by Application

12.2.2 Global 3D Automated Optical Inspection (AOI) Equipment Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

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

Table 4. 3D Automated Optical Inspection (AOI) Equipment Market Size Comparison by Region (M USD)

Table 5. Global 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Manufacturers (2019-2024)

Table 7. Global 3D Automated Optical Inspection (AOI) Equipment Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global 3D Automated Optical Inspection (AOI) Equipment Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in 3D Automated Optical Inspection (AOI) Equipment as of 2022)

Table 10. Global Market 3D Automated Optical Inspection (AOI) Equipment Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers 3D Automated Optical Inspection (AOI) Equipment Sales Sites and Area Served

Table 12. Manufacturers 3D Automated Optical Inspection (AOI) Equipment Product Type

Table 13. Global 3D Automated Optical Inspection (AOI) Equipment Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of 3D Automated Optical Inspection (AOI) 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. 3D Automated Optical Inspection (AOI) Equipment Market Challenges

Table 22. Global 3D Automated Optical Inspection (AOI) Equipment Sales by Type (K Units)

Table 23. Global 3D Automated Optical Inspection (AOI) Equipment Market Size by Type (M USD)

Table 24. Global 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) by Type (2019-2024)

Table 25. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Type (2019-2024)

Table 26. Global 3D Automated Optical Inspection (AOI) Equipment Market Size (M USD) by Type (2019-2024)

Table 27. Global 3D Automated Optical Inspection (AOI) Equipment Market Size Share by Type (2019-2024)

Table 28. Global 3D Automated Optical Inspection (AOI) Equipment Price (USD/Unit) by Type (2019-2024)

Table 29. Global 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) by Application

Table 30. Global 3D Automated Optical Inspection (AOI) Equipment Market Size by Application

Table 31. Global 3D Automated Optical Inspection (AOI) Equipment Sales by Application (2019-2024) & (K Units)

Table 32. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Application (2019-2024)

Table 33. Global 3D Automated Optical Inspection (AOI) Equipment Sales by Application (2019-2024) & (M USD)

Table 34. Global 3D Automated Optical Inspection (AOI) Equipment Market Share by Application (2019-2024)

Table 35. Global 3D Automated Optical Inspection (AOI) Equipment Sales Growth Rate by Application (2019-2024)

Table 36. Global 3D Automated Optical Inspection (AOI) Equipment Sales by Region (2019-2024) & (K Units)

Table 37. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Region (2019-2024)

Table 38. North America 3D Automated Optical Inspection (AOI) Equipment Sales by Country (2019-2024) & (K Units)

Table 39. Europe 3D Automated Optical Inspection (AOI) Equipment Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific 3D Automated Optical Inspection (AOI) Equipment Sales by Region (2019-2024) & (K Units)

Table 41. South America 3D Automated Optical Inspection (AOI) Equipment Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa 3D Automated Optical Inspection (AOI) Equipment Sales by Region (2019-2024) & (K Units)

Table 43. Global 3D Automated Optical Inspection (AOI) Equipment Production (K

Units) by Region (2019-2024)

Table 44. Global 3D Automated Optical Inspection (AOI) Equipment Revenue (US\$ Million) by Region (2019-2024)

Table 45. Global 3D Automated Optical Inspection (AOI) Equipment Revenue Market Share by Region (2019-2024)

Table 46. Global 3D Automated Optical Inspection (AOI) Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 47. North America 3D Automated Optical Inspection (AOI) Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 48. Europe 3D Automated Optical Inspection (AOI) Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 49. Japan 3D Automated Optical Inspection (AOI) Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 50. China 3D Automated Optical Inspection (AOI) Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 51. Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 52. Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 53. Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. Koh Young Technology Business Overview

Table 55. Koh Young Technology 3D Automated Optical Inspection (AOI) Equipment SWOT Analysis

Table 56. Koh Young Technology Recent Developments

Table 57. Mirtec 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 58. Mirtec 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 59. Mirtec 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 60. Mirtec Business Overview

Table 61. Mirtec 3D Automated Optical Inspection (AOI) Equipment SWOT Analysis

Table 62. Mirtec Recent Developments

Table 63. ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 64. ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 65. ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. ViTrox Corporation Berhad 3D Automated Optical Inspection (AOI) Equipment

SWOT Analysis

Table 67. ViTrox Corporation Berhad Business Overview

Table 68. ViTrox Corporation Berhad Recent Developments

Table 69. Saki Corporation 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 70. Saki Corporation 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 71. Saki Corporation 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 72. Saki Corporation Business Overview

Table 73. Saki Corporation Recent Developments

Table 74. Cyberoptics Corporation 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 75. Cyberoptics Corporation 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 76. Cyberoptics Corporation 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 77. Cyberoptics Corporation Business Overview

Table 78. Cyberoptics Corporation Recent Developments

Table 79. Omron Corporation 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 80. Omron Corporation 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 81. Omron Corporation 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 82. Omron Corporation Business Overview

Table 83. Omron Corporation Recent Developments

Table 84. Viscom 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 85. Viscom 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 86. Viscom 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 87. Viscom Business Overview

Table 88. Viscom Recent Developments

Table 89. Test Research 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 90. Test Research 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 91. Test Research 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 92. Test Research Business Overview

Table 93. Test Research Recent Developments

Table 94. Parmi Corp 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 95. Parmi Corp 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 96. Parmi Corp 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 97. Parmi Corp Business Overview

Table 98. Parmi Corp Recent Developments

Table 99. VI Technology (Mycronic) 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 100. VI Technology (Mycronic) 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 101. VI Technology (Mycronic) 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. VI Technology (Mycronic) Business Overview

Table 103. VI Technology (Mycronic) Recent Developments

Table 104. G?PEL electronic GmbH 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 105. G?PEL electronic GmbH 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 106. G?PEL electronic GmbH 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. G?PEL electronic GmbH Business Overview

Table 108. G?PEL electronic GmbH Recent Developments

Table 109. Machine Vision Products (MVP) 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 110. Machine Vision Products (MVP) 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 111. Machine Vision Products (MVP) 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 112. Machine Vision Products (MVP) Business Overview

Table 113. Machine Vision Products (MVP) Recent Developments

Table 114. Mek Marantz Electronics 3D Automated Optical Inspection (AOI) Equipment Basic Information

Table 115. Mek Marantz Electronics 3D Automated Optical Inspection (AOI) Equipment Product Overview

Table 116. Mek Marantz Electronics 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 117. Mek Marantz Electronics Business Overview
Table 118. Mek Marantz Electronics Recent Developments
Table 119. Pemtron Corp. 3D Automated Optical Inspection (AOI) Equipment Basic Information
Table 120. Pemtron Corp. 3D Automated Optical Inspection (AOI) Equipment Product Overview
Table 121. Pemtron Corp. 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 122. Pemtron Corp. Business Overview
Table 123. Pemtron Corp. Recent Developments
Table 124. Nordson YESTECH 3D Automated Optical Inspection (AOI) Equipment Basic Information
Table 125. Nordson YESTECH 3D Automated Optical Inspection (AOI) Equipment Product Overview
Table 126. Nordson YESTECH 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 127. Nordson YESTECH Business Overview
Table 128. Nordson YESTECH Recent Developments
Table 129. JUTZE Intelligence Technology 3D Automated Optical Inspection (AOI) Equipment Basic Information
Table 130. JUTZE Intelligence Technology 3D Automated Optical Inspection (AOI) Equipment Product Overview
Table 131. JUTZE Intelligence Technology 3D Automated Optical Inspection (AOI) Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 132. JUTZE Intelligence Technology Business Overview
Table 133. JUTZE Intelligence Technology Recent Developments
Table 134. Global 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Region (2025-2032) & (K Units)
Table 135. Global 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Region (2025-2032) & (M USD)
Table 136. North America 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Country (2025-2032) & (K Units)
Table 137. North America 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Country (2025-2032) & (M USD)
Table 138. Europe 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Country (2025-2032) & (K Units)

Table 139. Europe 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Country (2025-2032) & (M USD)

Table 140. Asia Pacific 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Region (2025-2032) & (K Units)

Table 141. Asia Pacific 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Region (2025-2032) & (M USD)

Table 142. South America 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Country (2025-2032) & (K Units)

Table 143. South America 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Country (2025-2032) & (M USD)

Table 144. Middle East and Africa 3D Automated Optical Inspection (AOI) Equipment Consumption Forecast by Country (2025-2032) & (Units)

Table 145. Middle East and Africa 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Country (2025-2032) & (M USD)

Table 146. Global 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Type (2025-2032) & (K Units)

Table 147. Global 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Type (2025-2032) & (M USD)

Table 148. Global 3D Automated Optical Inspection (AOI) Equipment Price Forecast by Type (2025-2032) & (USD/Unit)

Table 149. Global 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) Forecast by Application (2025-2032)

Table 150. Global 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of 3D Automated Optical Inspection (AOI) Equipment

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global 3D Automated Optical Inspection (AOI) Equipment Market Size (M USD), 2019-2032

Figure 5. Global 3D Automated Optical Inspection (AOI) Equipment Market Size (M USD) (2019-2032)

Figure 6. Global 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) & (2019-2032)

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. 3D Automated Optical Inspection (AOI) Equipment Market Size by Country (M USD)

Figure 11. 3D Automated Optical Inspection (AOI) Equipment Sales Share by Manufacturers in 2023

Figure 12. Global 3D Automated Optical Inspection (AOI) Equipment Revenue Share by Manufacturers in 2023

Figure 13. 3D Automated Optical Inspection (AOI) Equipment Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market 3D Automated Optical Inspection (AOI) Equipment Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by 3D Automated Optical Inspection (AOI) Equipment Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global 3D Automated Optical Inspection (AOI) Equipment Market Share by Type

Figure 18. Sales Market Share of 3D Automated Optical Inspection (AOI) Equipment by Type (2019-2024)

Figure 19. Sales Market Share of 3D Automated Optical Inspection (AOI) Equipment by Type in 2023

Figure 20. Market Size Share of 3D Automated Optical Inspection (AOI) Equipment by Type (2019-2024)

Figure 21. Market Size Market Share of 3D Automated Optical Inspection (AOI) Equipment by Type in 2023

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

Figure 23. Global 3D Automated Optical Inspection (AOI) Equipment Market Share by Application

Figure 24. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Application (2019-2024)

Figure 25. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Application in 2023

Figure 26. Global 3D Automated Optical Inspection (AOI) Equipment Market Share by Application (2019-2024)

Figure 27. Global 3D Automated Optical Inspection (AOI) Equipment Market Share by Application in 2023

Figure 28. Global 3D Automated Optical Inspection (AOI) Equipment Sales Growth Rate by Application (2019-2024)

Figure 29. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Region (2019-2024)

Figure 30. North America 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Country in 2023

Figure 32. U.S. 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada 3D Automated Optical Inspection (AOI) Equipment Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico 3D Automated Optical Inspection (AOI) Equipment Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Country in 2023

Figure 37. Germany 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (K Units)

Figure 43. Asia Pacific 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Region in 2023

Figure 44. China 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (K Units)

Figure 50. South America 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Country in 2023

Figure 51. Brazil 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa 3D Automated Optical Inspection (AOI) Equipment Sales Market Share by Region in 2023

Figure 56. Saudi Arabia 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa 3D Automated Optical Inspection (AOI) Equipment Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global 3D Automated Optical Inspection (AOI) Equipment Production Market

Share by Region (2019-2024)

Figure 62. North America 3D Automated Optical Inspection (AOI) Equipment Production (K Units) Growth Rate (2019-2024)

Figure 63. Europe 3D Automated Optical Inspection (AOI) Equipment Production (K Units) Growth Rate (2019-2024)

Figure 64. Japan 3D Automated Optical Inspection (AOI) Equipment Production (K Units) Growth Rate (2019-2024)

Figure 65. China 3D Automated Optical Inspection (AOI) Equipment Production (K Units) Growth Rate (2019-2024)

Figure 66. Global 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global 3D Automated Optical Inspection (AOI) Equipment Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global 3D Automated Optical Inspection (AOI) Equipment Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global 3D Automated Optical Inspection (AOI) Equipment Market Share Forecast by Type (2025-2032)

Figure 70. Global 3D Automated Optical Inspection (AOI) Equipment Sales Forecast by Application (2025-2032)

Figure 71. Global 3D Automated Optical Inspection (AOI) Equipment Market Share Forecast by Application (2025-2032)

I would like to order

Product name: Global 3D Automated Optical Inspection (AOI) Equipment Market Research Report 2024, Forecast to 2032

Product link: <https://marketpublishers.com/r/G95C65E6A146EN.html>

Price: US\$ 3,200.00 (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/G95C65E6A146EN.html>