

# Global High-Speed Automated Optical Inspection Equipment Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global High-Speed Automated Optical Inspection Equipment market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The high-speed AOI equipment market has experienced significant growth over the years and is expected to continue expanding. Factors such as technological advancements, increasing manufacturing complexity, and need for improved product quality drive the market growth. The market can be segmented based on product type, application, and geography. Product types include 2D AOI equipment and 3D AOI equipment, with 3D AOI equipment becoming more prominent due to its ability to capture more comprehensive inspection data. Applications for high-speed AOI equipment can be found in various fields, including electronics manufacturing, automotive, medical equipment, and more. The high-speed AOI equipment market is geographically diversified, with key regions including North America, Europe, Asia-Pacific, and the rest of the world. The Asia Pacific region has been a significant contributor to the market growth owing to the presence of large electronics manufacturing facilities.

High-speed automated optical inspection (AOI) equipment is a type of advanced inspection technology used in manufacturing processes to detect defects, inconsistencies, or quality issues in products. AOI systems utilize optical imaging technology and automated algorithms to inspect products with high speed, accuracy, and precision.

This report studies the global High-Speed Automated Optical Inspection Equipment

production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global High-Speed Automated Optical Inspection Equipment total production and demand, 2018-2029, (Units)

Global High-Speed Automated Optical Inspection Equipment total production value, 2018-2029, (USD Million)

Global High-Speed Automated Optical Inspection Equipment production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global High-Speed Automated Optical Inspection Equipment consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: High-Speed Automated Optical Inspection Equipment domestic production, consumption, key domestic manufacturers and share

Global High-Speed Automated Optical Inspection Equipment production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global High-Speed Automated Optical Inspection Equipment production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global High-Speed Automated Optical Inspection Equipment production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global High-Speed Automated Optical Inspection Equipment market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key

developments. Key companies covered as a part of this study include KLA Corporation, Nordson, Koh Young Technology, Test Research, Viscom, Utechzone, Omron Corporation, Machvision Inc and CIMS, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High-Speed Automated Optical Inspection Equipment market

Detailed Segmentation:

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

Global High-Speed Automated Optical Inspection Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High-Speed Automated Optical Inspection Equipment Market, Segmentation by

*Global High-Speed Automated Optical Inspection Equipment Supply, Demand and Key Producers, 2023-2029*

## Type

2D AOI Equipment

3D AOI Equipment

## Global High-Speed Automated Optical Inspection Equipment Market, Segmentation by Application

Electronic

Automotive

Pharmaceutical

Semiconductor

Others

## Companies Profiled:

KLA Corporation

Nordson

Koh Young Technology

Test Research

Viscom

Utechzone

Omron Corporation

Machvision Inc

CIMS

Saki Corporation

Marantz Electronics

ViTrox Corporation

Cyber??Optics

Mycronic

MIRTEC

Machine Vision Products

Wuhan Jingce Electronic

Jutze Intelligence Technology

## Key Questions Answered

1. How big is the global High-Speed Automated Optical Inspection Equipment market?
2. What is the demand of the global High-Speed Automated Optical Inspection Equipment market?
3. What is the year over year growth of the global High-Speed Automated Optical Inspection Equipment market?
4. What is the production and production value of the global High-Speed Automated Optical Inspection Equipment market?
5. Who are the key producers in the global High-Speed Automated Optical Inspection Equipment market?
6. What are the growth factors driving the market demand?

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