

Global 3D Automated Optical Inspection (AOI) Equipment Market Research Report 2022 Professional Edition

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Abstracts

The global 3D Automated Optical Inspection (AOI) Equipment market was valued at 261.26 Million USD in 2021 and will grow with a CAGR of 22.82% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

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 industry is relatively concentrated, the key brand include Koh Young, MirTec Ltd, PARMi Corp and Pemtron are from Korea; Test Research, Inc (TRI) from Taiwan; CyberOptics Corporation, Machine Vision Products (MVP), from United States; and Viscom AG and Vi TECHNOLOGY from Europe. and so on.

By Market Vendors:

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

By Types:

Inline 3D AOI

Offline 3D AOI

By Applications:

PCB Industry

Panel Display Industry

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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Africa 3D Automated Optical Inspection (AOI) Equipment Consumption Forecast
2022-2027 by Country

Oceania 3D Automated Optical Inspection (AOI) Equipment Consumption Forecast
2022-2027 by Country

South America 3D Automated Optical Inspection (AOI) Equipment Consumption
Forecast 2022-2027 by Country

Rest of the world 3D Automated Optical Inspection (AOI) Equipment Consumption
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Research Programs/Design for This Report

Key Data Information from Secondary Sources

Key Data Information from Primary Sources

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Inline 3D AOI Features

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Global 3D Automated Optical Inspection (AOI) Equipment Market Share by Application:
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