

Automated Optical Inspection (AOI) Equipment Market, Global Outlook and Forecast 2022-2028

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Abstracts

The full name of AOI is automatic optical inspection, which is based on optical principles to detect common defects encountered in welding production. 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. 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. Come out for repair by maintenance staff. This report introduce AOI Equipment.

This report contains market size and forecasts of Automated Optical Inspection (AOI) Equipment in global, including the following market information:

Global Automated Optical Inspection (AOI) Equipment Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Automated Optical Inspection (AOI) Equipment Market Sales, 2017-2022, 2023-2028, (Units)

Global top five Automated Optical Inspection (AOI) Equipment companies in 2021 (%)

The global Automated Optical Inspection (AOI) Equipment market was valued at 1260.3 million in 2021 and is projected to reach US\$ 2483 million by 2028, at a CAGR of 10.2% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$

Million by 2028.

Inline AOI Equipment Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Automated Optical Inspection (AOI) Equipment include Orbotech Ltd. (KLA), Wuhan Jingce Electronic, Nordson YESTECH, Koh Young Technology, Omron Corporation, Test Research, Inc., Utechzone, Viscom AG and Machvision Inc., etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Automated Optical Inspection (AOI) Equipment manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Automated Optical Inspection (AOI) Equipment Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Automated Optical Inspection (AOI) Equipment Market Segment Percentages, by Type, 2021 (%)

Inline AOI Equipment

Offline AOI Equipment

Global Automated Optical Inspection (AOI) Equipment Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Automated Optical Inspection (AOI) Equipment Market Segment Percentages, by Application, 2021 (%)

PCB Industry

Panel Display Industry

Others

Global Automated Optical Inspection (AOI) Equipment Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global Automated Optical Inspection (AOI) Equipment Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Automated Optical Inspection (AOI) Equipment revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Automated Optical Inspection (AOI) Equipment revenues share in global market, 2021 (%)

Key companies Automated Optical Inspection (AOI) Equipment sales in global market, 2017-2022 (Estimated), (Units)

Key companies Automated Optical Inspection (AOI) Equipment sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Orbotech Ltd. (KLA)

Wuhan Jingce Electronic

Nordson YESTECH

Koh Young Technology

Omron Corporation

Test Research, Inc.

Utechzone

Viscom AG

Machvision Inc.

Saki Corporation

CIMS

MEK Marantz Electronics Ltd.

JUTZE Intelligence Technology Co., Ltd.

Cyberoptics Corporation

ViTrox Corporation Berhad

Mycronic

Mirtec Co., Ltd.

Machine Vision Products, Inc.

Shenzhou Vision Technology(ALEADER)

Takano

Parmi Corp

ZhenHuaXing Technology (ShenZhen) Co., Ltd.

G?PEL electronic GmbH

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