

Global Automatic Optical Inspection (AOI) Machine Market Growth 2023-2029

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Abstracts

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AOI is an automated visual inspection methodology used primarily to test for defects in printed circuit board assemblies (PCBAs). AOI autonomously scans PCBAs with cameras and detects two types of failures: 1. catastrophic failures, such as missing components, and 2. quality failures, such as misshapen fillet or components that are skewed.

LPI (LP Information)' newest research report, the “Automatic Optical Inspection (AOI) Machine Industry Forecast” looks at past sales and reviews total world Automatic Optical Inspection (AOI) Machine sales in 2022, providing a comprehensive analysis by region and market sector of projected Automatic Optical Inspection (AOI) Machine sales for 2023 through 2029. With Automatic Optical Inspection (AOI) Machine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automatic Optical Inspection (AOI) Machine industry.

This Insight Report provides a comprehensive analysis of the global Automatic Optical Inspection (AOI) Machine 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 Automatic Optical Inspection (AOI) Machine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automatic Optical Inspection (AOI) Machine market.

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Automatic Optical Inspection (AOI) Machine 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 Automatic Optical Inspection (AOI) Machine.

The global Automatic Optical Inspection (AOI) Machine market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Automatic Optical Inspection (AOI) Machine is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Automatic Optical Inspection (AOI) Machine is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Automatic Optical Inspection (AOI) Machine is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Automatic Optical Inspection (AOI) Machine players cover Omron, Viscom, CyberOptics Corporation, Nordson, Saki Corp, GOEPEL Electronic GmbH, Orbotech, Camtek and Zhenhuaxing, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Automatic Optical Inspection (AOI) Machine market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Online

Offline

Segmentation by application

PCB

CHIP Components

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

Omron

Viscom

CyberOptics Corporation

Nordson

Saki Corp

GOEPEL Electronic GmbH

Orbotech

Camtek

Zhenhuaxing

SCREEN Graphic and Precision Solutions Co., Ltd.

AOI Systems Ltd

Mirtec

Shenzhen Leadaoi

Shenzhen Magic Ray

Guangzhou Maker Ray

Jutze

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automatic Optical Inspection (AOI) Machine market?

What factors are driving Automatic Optical Inspection (AOI) Machine market growth, globally and by region?

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

How do Automatic Optical Inspection (AOI) Machine market opportunities vary by end market size?

How does Automatic Optical Inspection (AOI) Machine break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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