

Global Automated Optical Inspection (AOI) Equipment for Semiconductor Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Automated Optical Inspection (AOI) Equipment for Semiconductor market size is expected to reach \$ 58 million by 2029, rising at a market growth of 6.6% CAGR during the forecast period (2023-2029).

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.

This report studies the global Automated Optical Inspection (AOI) Equipment for Semiconductor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automated Optical Inspection (AOI) Equipment for Semiconductor, 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 Automated Optical Inspection (AOI) Equipment for Semiconductor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automated Optical Inspection (AOI) Equipment for Semiconductor total production and demand, 2018-2029, (Units)

Global Automated Optical Inspection (AOI) Equipment for Semiconductor total

production value, 2018-2029, (USD Million)

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

Global Automated Optical Inspection (AOI) Equipment for Semiconductor consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Automated Optical Inspection (AOI) Equipment for Semiconductor domestic production, consumption, key domestic manufacturers and share

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

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

Global Automated Optical Inspection (AOI) Equipment for Semiconductor production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Automated Optical Inspection (AOI) Equipment for Semiconductor 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 Confovis GmbH, Ta Liang Technology, Utechzone, Pentamaster, Cortex Robotics Sdn Bhd, NADatech, Chroma ATE Inc, Camtek and TAKAOKA TOKO, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automated Optical Inspection (AOI) Equipment for Semiconductor 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 Automated Optical Inspection (AOI) Equipment for Semiconductor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automated Optical Inspection (AOI) Equipment for Semiconductor Market, Segmentation by Type

2D AOI Inspection System for Semiconductor

3D AOI Inspection System for Semiconductor

Global Automated Optical Inspection (AOI) Equipment for Semiconductor Market, Segmentation by Application

Advanced Packaging

MEMS or Microfluidic

LED

Laser/VCSEL

Others

Companies Profiled:

Confovis GmbH

Ta Liang Technology

Utechzone

Pentamaster

Cortex Robotics Sdn Bhd

NADAtch

Chroma ATE Inc

Camtek

TAKAOKA TOKO

Intekplus

Machine Vision Products, Inc.

SMEE

The First Contact Tech(TFCT)

Koh Young Technology

Test Research

ViTrox

Saki Corporation

Cyberoptics Corporation

Omron Corporation

Viscom

Mirtec

Parmi Corp

VI Technology (Mycronic)

G?PEL electronic GmbH

Mek Marantz Electronics

Nordson YESTECH

PEMTRON

Hangzhou Changchuan Technology

Key Questions Answered

1. How big is the global Automated Optical Inspection (AOI) Equipment for Semiconductor market?
2. What is the demand of the global Automated Optical Inspection (AOI) Equipment for Semiconductor market?
3. What is the year over year growth of the global Automated Optical Inspection (AOI) Equipment for Semiconductor market?
4. What is the production and production value of the global Automated Optical

Inspection (AOI) Equipment for Semiconductor market?

5. Who are the key producers in the global Automated Optical Inspection (AOI) Equipment for Semiconductor market?

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