

Global Chip Optical Inspection Equipment Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G34E4C076E52EN.html>

Date: April 2026

Pages: 219

Price: US\$ 3,480.00 (Single User License)

ID: G34E4C076E52EN

Abstracts

According to our (Global Info Research) latest study, the global Chip Optical Inspection Equipment market size was valued at US\$ 9878 million in 2025 and is forecast to a readjusted size of US\$ 17736 million by 2032 with a CAGR of 8.7% during review period.

In 2025, global chip optical inspection equipment production capacity is 2,800 units, with actual production reaching approximately 2,300 units. The average global market price is about US\$ 4.2 million per unit. The gross profit margin mainly ranges between 45%–60%. Chip optical inspection equipment refers to advanced semiconductor metrology and inspection systems that utilize optical imaging, laser scattering, brightfield/darkfield detection, and image processing algorithms to identify defects on wafers or packaged chips. These systems are applied in front-end wafer fabrication (FEOL), back-end processes (BEOL), and advanced packaging. Key functions include particle detection, pattern defect inspection, critical dimension (CD) measurement, overlay accuracy verification, and surface morphology analysis. High-resolution optics, precision motion stages, AI-based defect classification, and high-throughput data processing are core technological components.

Upstream components include precision optics, laser systems, motion control stages, high-speed cameras, image sensors, and industrial computing modules. Midstream is highly concentrated among leading semiconductor inspection equipment suppliers, including KLA Corporation, Applied Materials, ASML, and Hitachi High-Tech. These companies dominate high-end wafer inspection and metrology markets. Downstream customers are major semiconductor foundries and IDMs such as TSMC, Samsung Electronics, and Intel. Demand is closely tied to advanced node transitions (e.g., 5nm,

3nm and below) and yield improvement requirements.

Chip optical inspection equipment represents one of the highest-margin segments within semiconductor capital equipment. As process nodes shrink and pattern complexity increases, defect density tolerance declines sharply, significantly elevating inspection intensity per wafer. Advanced nodes, EUV lithography adoption, and 3D structures such as FinFET and GAA architectures drive exponential growth in inspection steps. AI-based defect classification and big-data-driven yield management are becoming strategic differentiators.

Although semiconductor capital expenditure is cyclical, inspection equipment demand tends to be more resilient because yield improvement remains critical even during downturns. The industry is characterized by extremely high technical barriers, strong intellectual property protection, and limited global competitors, resulting in sustained profitability and pricing power for leading suppliers. Long-term growth is supported by AI chips, high-performance computing, automotive semiconductors, and advanced packaging technologies.

This report is a detailed and comprehensive analysis for global Chip Optical Inspection Equipment market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Chip Optical Inspection Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Chip Optical Inspection Equipment market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Chip Optical Inspection Equipment market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Chip Optical Inspection Equipment market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Chip Optical Inspection Equipment
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Chip Optical Inspection Equipment market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KLA Corporation, Applied Materials, Hitachi High-Tech Corporation, ASML Holding, Onto Innovation, Nova, Lasertec Corporation, Camtek, Nikon Corporation, ZEISS Group, etc.

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

Market Segmentation

Chip Optical Inspection Equipment market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Wafer

Die

Packaging

Market segment by Technology Type

Bright Field

Dark Field

Market segment by Application

Integrated Circuit Manufacturing

Advanced Packaging

Major players covered

KLA Corporation

Applied Materials

Hitachi High-Tech Corporation

ASML Holding

Onto Innovation

Nova

Lasertec Corporation

Camtek

Nikon Corporation

ZEISS Group

SCREEN Semiconductor Solutions

Teradyne

Advantest Corporation

Toray Engineering

HORIBA Group

CyberOptics Corporation

Marantz Electronics

Omron Corporation

Juki Corporation

Aoi Electronics

PDF Solutions

Merck

Leica

TSI

Confovis

EVIDENT

NanoSystem Solutions

RSIC Scientific Instrument

Skyverse Technology Co., Ltd.

Wuhan Jingce Electronic Group

Hangzhou Changchuan Technology

Shanghai Micro Electronics Equipment (Group)

TZTEK (Muetec)

DJEL

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Chip Optical Inspection Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Chip Optical Inspection Equipment, with price, sales quantity, revenue, and global market share of Chip Optical Inspection Equipment from 2021 to 2026.

Chapter 3, the Chip Optical Inspection Equipment competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Chip Optical Inspection Equipment breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Chip Optical Inspection Equipment market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Chip Optical Inspection Equipment.

Chapter 14 and 15, to describe Chip Optical Inspection Equipment sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Chip Optical Inspection Equipment Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Wafer

1.3.3 Die

1.3.4 Packaging

1.4 Market Analysis by Technology Type

1.4.1 Overview: Global Chip Optical Inspection Equipment Consumption Value by Technology Type: 2021 Versus 2025 Versus 2032

1.4.2 Bright Field

1.4.3 Dark Field

1.5 Market Analysis by Application

1.5.1 Overview: Global Chip Optical Inspection Equipment Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Integrated Circuit Manufacturing

1.5.3 Advanced Packaging

1.6 Global Chip Optical Inspection Equipment Market Size & Forecast

1.6.1 Global Chip Optical Inspection Equipment Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Chip Optical Inspection Equipment Sales Quantity (2021-2032)

1.6.3 Global Chip Optical Inspection Equipment Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 KLA Corporation

2.1.1 KLA Corporation Details

2.1.2 KLA Corporation Major Business

2.1.3 KLA Corporation Chip Optical Inspection Equipment Product and Services

2.1.4 KLA Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 KLA Corporation Recent Developments/Updates

2.2 Applied Materials

2.2.1 Applied Materials Details

- 2.2.2 Applied Materials Major Business
- 2.2.3 Applied Materials Chip Optical Inspection Equipment Product and Services
- 2.2.4 Applied Materials Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Applied Materials Recent Developments/Updates
- 2.3 Hitachi High-Tech Corporation
 - 2.3.1 Hitachi High-Tech Corporation Details
 - 2.3.2 Hitachi High-Tech Corporation Major Business
 - 2.3.3 Hitachi High-Tech Corporation Chip Optical Inspection Equipment Product and Services
 - 2.3.4 Hitachi High-Tech Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Hitachi High-Tech Corporation Recent Developments/Updates
- 2.4 ASML Holding
 - 2.4.1 ASML Holding Details
 - 2.4.2 ASML Holding Major Business
 - 2.4.3 ASML Holding Chip Optical Inspection Equipment Product and Services
 - 2.4.4 ASML Holding Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 ASML Holding Recent Developments/Updates
- 2.5 Onto Innovation
 - 2.5.1 Onto Innovation Details
 - 2.5.2 Onto Innovation Major Business
 - 2.5.3 Onto Innovation Chip Optical Inspection Equipment Product and Services
 - 2.5.4 Onto Innovation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Onto Innovation Recent Developments/Updates
- 2.6 Nova
 - 2.6.1 Nova Details
 - 2.6.2 Nova Major Business
 - 2.6.3 Nova Chip Optical Inspection Equipment Product and Services
 - 2.6.4 Nova Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Nova Recent Developments/Updates
- 2.7 Lasertec Corporation
 - 2.7.1 Lasertec Corporation Details
 - 2.7.2 Lasertec Corporation Major Business
 - 2.7.3 Lasertec Corporation Chip Optical Inspection Equipment Product and Services
 - 2.7.4 Lasertec Corporation Chip Optical Inspection Equipment Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Lasertec Corporation Recent Developments/Updates

2.8 Camtek

2.8.1 Camtek Details

2.8.2 Camtek Major Business

2.8.3 Camtek Chip Optical Inspection Equipment Product and Services

2.8.4 Camtek Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Camtek Recent Developments/Updates

2.9 Nikon Corporation

2.9.1 Nikon Corporation Details

2.9.2 Nikon Corporation Major Business

2.9.3 Nikon Corporation Chip Optical Inspection Equipment Product and Services

2.9.4 Nikon Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Nikon Corporation Recent Developments/Updates

2.10 ZEISS Group

2.10.1 ZEISS Group Details

2.10.2 ZEISS Group Major Business

2.10.3 ZEISS Group Chip Optical Inspection Equipment Product and Services

2.10.4 ZEISS Group Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 ZEISS Group Recent Developments/Updates

2.11 SCREEN Semiconductor Solutions

2.11.1 SCREEN Semiconductor Solutions Details

2.11.2 SCREEN Semiconductor Solutions Major Business

2.11.3 SCREEN Semiconductor Solutions Chip Optical Inspection Equipment Product and Services

2.11.4 SCREEN Semiconductor Solutions Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 SCREEN Semiconductor Solutions Recent Developments/Updates

2.12 Teradyne

2.12.1 Teradyne Details

2.12.2 Teradyne Major Business

2.12.3 Teradyne Chip Optical Inspection Equipment Product and Services

2.12.4 Teradyne Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Teradyne Recent Developments/Updates

2.13 Advantest Corporation

- 2.13.1 Advantest Corporation Details
- 2.13.2 Advantest Corporation Major Business
- 2.13.3 Advantest Corporation Chip Optical Inspection Equipment Product and Services
- 2.13.4 Advantest Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.13.5 Advantest Corporation Recent Developments/Updates
- 2.14 Toray Engineering
 - 2.14.1 Toray Engineering Details
 - 2.14.2 Toray Engineering Major Business
 - 2.14.3 Toray Engineering Chip Optical Inspection Equipment Product and Services
 - 2.14.4 Toray Engineering Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 Toray Engineering Recent Developments/Updates
- 2.15 HORIBA Group
 - 2.15.1 HORIBA Group Details
 - 2.15.2 HORIBA Group Major Business
 - 2.15.3 HORIBA Group Chip Optical Inspection Equipment Product and Services
 - 2.15.4 HORIBA Group Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 HORIBA Group Recent Developments/Updates
- 2.16 CyberOptics Corporation
 - 2.16.1 CyberOptics Corporation Details
 - 2.16.2 CyberOptics Corporation Major Business
 - 2.16.3 CyberOptics Corporation Chip Optical Inspection Equipment Product and Services
 - 2.16.4 CyberOptics Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.16.5 CyberOptics Corporation Recent Developments/Updates
- 2.17 Marantz Electronics
 - 2.17.1 Marantz Electronics Details
 - 2.17.2 Marantz Electronics Major Business
 - 2.17.3 Marantz Electronics Chip Optical Inspection Equipment Product and Services
 - 2.17.4 Marantz Electronics Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.17.5 Marantz Electronics Recent Developments/Updates
- 2.18 Omron Corporation
 - 2.18.1 Omron Corporation Details
 - 2.18.2 Omron Corporation Major Business
 - 2.18.3 Omron Corporation Chip Optical Inspection Equipment Product and Services

2.18.4 Omron Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 Omron Corporation Recent Developments/Updates

2.19 Juki Corporation

2.19.1 Juki Corporation Details

2.19.2 Juki Corporation Major Business

2.19.3 Juki Corporation Chip Optical Inspection Equipment Product and Services

2.19.4 Juki Corporation Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.19.5 Juki Corporation Recent Developments/Updates

2.20 Aoi Electronics

2.20.1 Aoi Electronics Details

2.20.2 Aoi Electronics Major Business

2.20.3 Aoi Electronics Chip Optical Inspection Equipment Product and Services

2.20.4 Aoi Electronics Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.20.5 Aoi Electronics Recent Developments/Updates

2.21 PDF Solutions

2.21.1 PDF Solutions Details

2.21.2 PDF Solutions Major Business

2.21.3 PDF Solutions Chip Optical Inspection Equipment Product and Services

2.21.4 PDF Solutions Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.21.5 PDF Solutions Recent Developments/Updates

2.22 Merck

2.22.1 Merck Details

2.22.2 Merck Major Business

2.22.3 Merck Chip Optical Inspection Equipment Product and Services

2.22.4 Merck Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.22.5 Merck Recent Developments/Updates

2.23 Leica

2.23.1 Leica Details

2.23.2 Leica Major Business

2.23.3 Leica Chip Optical Inspection Equipment Product and Services

2.23.4 Leica Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.23.5 Leica Recent Developments/Updates

2.24 TSI

- 2.24.1 TSI Details
- 2.24.2 TSI Major Business
- 2.24.3 TSI Chip Optical Inspection Equipment Product and Services
- 2.24.4 TSI Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.24.5 TSI Recent Developments/Updates
- 2.25 Confovis
 - 2.25.1 Confovis Details
 - 2.25.2 Confovis Major Business
 - 2.25.3 Confovis Chip Optical Inspection Equipment Product and Services
 - 2.25.4 Confovis Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.25.5 Confovis Recent Developments/Updates
- 2.26 EVIDENT
 - 2.26.1 EVIDENT Details
 - 2.26.2 EVIDENT Major Business
 - 2.26.3 EVIDENT Chip Optical Inspection Equipment Product and Services
 - 2.26.4 EVIDENT Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.26.5 EVIDENT Recent Developments/Updates
- 2.27 NanoSystem Solutions
 - 2.27.1 NanoSystem Solutions Details
 - 2.27.2 NanoSystem Solutions Major Business
 - 2.27.3 NanoSystem Solutions Chip Optical Inspection Equipment Product and Services
 - 2.27.4 NanoSystem Solutions Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.27.5 NanoSystem Solutions Recent Developments/Updates
- 2.28 RSIC Scientific Instrument
 - 2.28.1 RSIC Scientific Instrument Details
 - 2.28.2 RSIC Scientific Instrument Major Business
 - 2.28.3 RSIC Scientific Instrument Chip Optical Inspection Equipment Product and Services
 - 2.28.4 RSIC Scientific Instrument Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.28.5 RSIC Scientific Instrument Recent Developments/Updates
- 2.29 Skyverse Technology Co., Ltd.
 - 2.29.1 Skyverse Technology Co., Ltd. Details
 - 2.29.2 Skyverse Technology Co., Ltd. Major Business

2.29.3 Skyverse Technology Co., Ltd. Chip Optical Inspection Equipment Product and Services

2.29.4 Skyverse Technology Co., Ltd. Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.29.5 Skyverse Technology Co., Ltd. Recent Developments/Updates

2.30 Wuhan Jingce Electronic Group

2.30.1 Wuhan Jingce Electronic Group Details

2.30.2 Wuhan Jingce Electronic Group Major Business

2.30.3 Wuhan Jingce Electronic Group Chip Optical Inspection Equipment Product and Services

2.30.4 Wuhan Jingce Electronic Group Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.30.5 Wuhan Jingce Electronic Group Recent Developments/Updates

2.31 Hangzhou Changchuan Technology

2.31.1 Hangzhou Changchuan Technology Details

2.31.2 Hangzhou Changchuan Technology Major Business

2.31.3 Hangzhou Changchuan Technology Chip Optical Inspection Equipment Product and Services

2.31.4 Hangzhou Changchuan Technology Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.31.5 Hangzhou Changchuan Technology Recent Developments/Updates

2.32 Shanghai Micro Electronics Equipment (Group)

2.32.1 Shanghai Micro Electronics Equipment (Group) Details

2.32.2 Shanghai Micro Electronics Equipment (Group) Major Business

2.32.3 Shanghai Micro Electronics Equipment (Group) Chip Optical Inspection Equipment Product and Services

2.32.4 Shanghai Micro Electronics Equipment (Group) Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.32.5 Shanghai Micro Electronics Equipment (Group) Recent Developments/Updates

2.33 TZTEK (Muetec)

2.33.1 TZTEK (Muetec) Details

2.33.2 TZTEK (Muetec) Major Business

2.33.3 TZTEK (Muetec) Chip Optical Inspection Equipment Product and Services

2.33.4 TZTEK (Muetec) Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.33.5 TZTEK (Muetec) Recent Developments/Updates

2.34 DJEL

2.34.1 DJEL Details

- 2.34.2 DJEL Major Business
- 2.34.3 DJEL Chip Optical Inspection Equipment Product and Services
- 2.34.4 DJEL Chip Optical Inspection Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.34.5 DJEL Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: CHIP OPTICAL INSPECTION EQUIPMENT BY MANUFACTURER

- 3.1 Global Chip Optical Inspection Equipment Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Chip Optical Inspection Equipment Revenue by Manufacturer (2021-2026)
- 3.3 Global Chip Optical Inspection Equipment Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Chip Optical Inspection Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Chip Optical Inspection Equipment Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Chip Optical Inspection Equipment Manufacturer Market Share in 2025
- 3.5 Chip Optical Inspection Equipment Market: Overall Company Footprint Analysis
 - 3.5.1 Chip Optical Inspection Equipment Market: Region Footprint
 - 3.5.2 Chip Optical Inspection Equipment Market: Company Product Type Footprint
 - 3.5.3 Chip Optical Inspection Equipment Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Chip Optical Inspection Equipment Market Size by Region
 - 4.1.1 Global Chip Optical Inspection Equipment Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Chip Optical Inspection Equipment Consumption Value by Region (2021-2032)
 - 4.1.3 Global Chip Optical Inspection Equipment Average Price by Region (2021-2032)
- 4.2 North America Chip Optical Inspection Equipment Consumption Value (2021-2032)
- 4.3 Europe Chip Optical Inspection Equipment Consumption Value (2021-2032)
- 4.4 Asia-Pacific Chip Optical Inspection Equipment Consumption Value (2021-2032)
- 4.5 South America Chip Optical Inspection Equipment Consumption Value (2021-2032)
- 4.6 Middle East & Africa Chip Optical Inspection Equipment Consumption Value

(2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Chip Optical Inspection Equipment Sales Quantity by Type (2021-2032)

5.2 Global Chip Optical Inspection Equipment Consumption Value by Type (2021-2032)

5.3 Global Chip Optical Inspection Equipment Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Chip Optical Inspection Equipment Sales Quantity by Application

(2021-2032)

6.2 Global Chip Optical Inspection Equipment Consumption Value by Application

(2021-2032)

6.3 Global Chip Optical Inspection Equipment Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Chip Optical Inspection Equipment Sales Quantity by Type

(2021-2032)

7.2 North America Chip Optical Inspection Equipment Sales Quantity by Application

(2021-2032)

7.3 North America Chip Optical Inspection Equipment Market Size by Country

7.3.1 North America Chip Optical Inspection Equipment Sales Quantity by Country

(2021-2032)

7.3.2 North America Chip Optical Inspection Equipment Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Chip Optical Inspection Equipment Sales Quantity by Type (2021-2032)

8.2 Europe Chip Optical Inspection Equipment Sales Quantity by Application

(2021-2032)

8.3 Europe Chip Optical Inspection Equipment Market Size by Country

8.3.1 Europe Chip Optical Inspection Equipment Sales Quantity by Country

(2021-2032)

8.3.2 Europe Chip Optical Inspection Equipment Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Chip Optical Inspection Equipment Market Size by Region

9.3.1 Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Chip Optical Inspection Equipment Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Chip Optical Inspection Equipment Sales Quantity by Type (2021-2032)

10.2 South America Chip Optical Inspection Equipment Sales Quantity by Application (2021-2032)

10.3 South America Chip Optical Inspection Equipment Market Size by Country

10.3.1 South America Chip Optical Inspection Equipment Sales Quantity by Country (2021-2032)

10.3.2 South America Chip Optical Inspection Equipment Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Chip Optical Inspection Equipment Market Size by Country

11.3.1 Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Chip Optical Inspection Equipment Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Chip Optical Inspection Equipment Market Drivers

12.2 Chip Optical Inspection Equipment Market Restraints

12.3 Chip Optical Inspection Equipment Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Chip Optical Inspection Equipment and Key Manufacturers

13.2 Manufacturing Costs Percentage of Chip Optical Inspection Equipment

13.3 Chip Optical Inspection Equipment Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Chip Optical Inspection Equipment Typical Distributors

14.3 Chip Optical Inspection Equipment Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Chip Optical Inspection Equipment Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Chip Optical Inspection Equipment Consumption Value by Technology Type, (USD Million), 2021 & 2025 & 2032
- Table 3. Global Chip Optical Inspection Equipment Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 4. KLA Corporation Basic Information, Manufacturing Base and Competitors
- Table 5. KLA Corporation Major Business
- Table 6. KLA Corporation Chip Optical Inspection Equipment Product and Services
- Table 7. KLA Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 8. KLA Corporation Recent Developments/Updates
- Table 9. Applied Materials Basic Information, Manufacturing Base and Competitors
- Table 10. Applied Materials Major Business
- Table 11. Applied Materials Chip Optical Inspection Equipment Product and Services
- Table 12. Applied Materials Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 13. Applied Materials Recent Developments/Updates
- Table 14. Hitachi High-Tech Corporation Basic Information, Manufacturing Base and Competitors
- Table 15. Hitachi High-Tech Corporation Major Business
- Table 16. Hitachi High-Tech Corporation Chip Optical Inspection Equipment Product and Services
- Table 17. Hitachi High-Tech Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 18. Hitachi High-Tech Corporation Recent Developments/Updates
- Table 19. ASML Holding Basic Information, Manufacturing Base and Competitors
- Table 20. ASML Holding Major Business
- Table 21. ASML Holding Chip Optical Inspection Equipment Product and Services
- Table 22. ASML Holding Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 23. ASML Holding Recent Developments/Updates
- Table 24. Onto Innovation Basic Information, Manufacturing Base and Competitors
- Table 25. Onto Innovation Major Business
- Table 26. Onto Innovation Chip Optical Inspection Equipment Product and Services
- Table 27. Onto Innovation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 28. Onto Innovation Recent Developments/Updates
- Table 29. Nova Basic Information, Manufacturing Base and Competitors
- Table 30. Nova Major Business
- Table 31. Nova Chip Optical Inspection Equipment Product and Services
- Table 32. Nova Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 33. Nova Recent Developments/Updates
- Table 34. Lasertec Corporation Basic Information, Manufacturing Base and Competitors
- Table 35. Lasertec Corporation Major Business
- Table 36. Lasertec Corporation Chip Optical Inspection Equipment Product and Services
- Table 37. Lasertec Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 38. Lasertec Corporation Recent Developments/Updates
- Table 39. Camtek Basic Information, Manufacturing Base and Competitors
- Table 40. Camtek Major Business
- Table 41. Camtek Chip Optical Inspection Equipment Product and Services
- Table 42. Camtek Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 43. Camtek Recent Developments/Updates
- Table 44. Nikon Corporation Basic Information, Manufacturing Base and Competitors
- Table 45. Nikon Corporation Major Business
- Table 46. Nikon Corporation Chip Optical Inspection Equipment Product and Services
- Table 47. Nikon Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 48. Nikon Corporation Recent Developments/Updates
- Table 49. ZEISS Group Basic Information, Manufacturing Base and Competitors
- Table 50. ZEISS Group Major Business

Table 51. ZEISS Group Chip Optical Inspection Equipment Product and Services

Table 52. ZEISS Group Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. ZEISS Group Recent Developments/Updates

Table 54. SCREEN Semiconductor Solutions Basic Information, Manufacturing Base and Competitors

Table 55. SCREEN Semiconductor Solutions Major Business

Table 56. SCREEN Semiconductor Solutions Chip Optical Inspection Equipment Product and Services

Table 57. SCREEN Semiconductor Solutions Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. SCREEN Semiconductor Solutions Recent Developments/Updates

Table 59. Teradyne Basic Information, Manufacturing Base and Competitors

Table 60. Teradyne Major Business

Table 61. Teradyne Chip Optical Inspection Equipment Product and Services

Table 62. Teradyne Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. Teradyne Recent Developments/Updates

Table 64. Advantest Corporation Basic Information, Manufacturing Base and Competitors

Table 65. Advantest Corporation Major Business

Table 66. Advantest Corporation Chip Optical Inspection Equipment Product and Services

Table 67. Advantest Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Advantest Corporation Recent Developments/Updates

Table 69. Toray Engineering Basic Information, Manufacturing Base and Competitors

Table 70. Toray Engineering Major Business

Table 71. Toray Engineering Chip Optical Inspection Equipment Product and Services

Table 72. Toray Engineering Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. Toray Engineering Recent Developments/Updates

Table 74. HORIBA Group Basic Information, Manufacturing Base and Competitors

Table 75. HORIBA Group Major Business

Table 76. HORIBA Group Chip Optical Inspection Equipment Product and Services

Table 77. HORIBA Group Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. HORIBA Group Recent Developments/Updates

Table 79. CyberOptics Corporation Basic Information, Manufacturing Base and Competitors

Table 80. CyberOptics Corporation Major Business

Table 81. CyberOptics Corporation Chip Optical Inspection Equipment Product and Services

Table 82. CyberOptics Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. CyberOptics Corporation Recent Developments/Updates

Table 84. Marantz Electronics Basic Information, Manufacturing Base and Competitors

Table 85. Marantz Electronics Major Business

Table 86. Marantz Electronics Chip Optical Inspection Equipment Product and Services

Table 87. Marantz Electronics Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 88. Marantz Electronics Recent Developments/Updates

Table 89. Omron Corporation Basic Information, Manufacturing Base and Competitors

Table 90. Omron Corporation Major Business

Table 91. Omron Corporation Chip Optical Inspection Equipment Product and Services

Table 92. Omron Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 93. Omron Corporation Recent Developments/Updates

Table 94. Juki Corporation Basic Information, Manufacturing Base and Competitors

Table 95. Juki Corporation Major Business

Table 96. Juki Corporation Chip Optical Inspection Equipment Product and Services

Table 97. Juki Corporation Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Juki Corporation Recent Developments/Updates

Table 99. Aoi Electronics Basic Information, Manufacturing Base and Competitors

Table 100. Aoi Electronics Major Business

Table 101. Aoi Electronics Chip Optical Inspection Equipment Product and Services

Table 102. Aoi Electronics Chip Optical Inspection Equipment Sales Quantity (Units),

Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Aoi Electronics Recent Developments/Updates

Table 104. PDF Solutions Basic Information, Manufacturing Base and Competitors

Table 105. PDF Solutions Major Business

Table 106. PDF Solutions Chip Optical Inspection Equipment Product and Services

Table 107. PDF Solutions Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. PDF Solutions Recent Developments/Updates

Table 109. Merck Basic Information, Manufacturing Base and Competitors

Table 110. Merck Major Business

Table 111. Merck Chip Optical Inspection Equipment Product and Services

Table 112. Merck Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 113. Merck Recent Developments/Updates

Table 114. Leica Basic Information, Manufacturing Base and Competitors

Table 115. Leica Major Business

Table 116. Leica Chip Optical Inspection Equipment Product and Services

Table 117. Leica Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 118. Leica Recent Developments/Updates

Table 119. TSI Basic Information, Manufacturing Base and Competitors

Table 120. TSI Major Business

Table 121. TSI Chip Optical Inspection Equipment Product and Services

Table 122. TSI Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 123. TSI Recent Developments/Updates

Table 124. Confovis Basic Information, Manufacturing Base and Competitors

Table 125. Confovis Major Business

Table 126. Confovis Chip Optical Inspection Equipment Product and Services

Table 127. Confovis Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 128. Confovis Recent Developments/Updates

Table 129. EVIDENT Basic Information, Manufacturing Base and Competitors

Table 130. EVIDENT Major Business

Table 131. EVIDENT Chip Optical Inspection Equipment Product and Services

Table 132. EVIDENT Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. EVIDENT Recent Developments/Updates

Table 134. NanoSystem Solutions Basic Information, Manufacturing Base and Competitors

Table 135. NanoSystem Solutions Major Business

Table 136. NanoSystem Solutions Chip Optical Inspection Equipment Product and Services

Table 137. NanoSystem Solutions Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 138. NanoSystem Solutions Recent Developments/Updates

Table 139. RSIC Scientific Instrument Basic Information, Manufacturing Base and Competitors

Table 140. RSIC Scientific Instrument Major Business

Table 141. RSIC Scientific Instrument Chip Optical Inspection Equipment Product and Services

Table 142. RSIC Scientific Instrument Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 143. RSIC Scientific Instrument Recent Developments/Updates

Table 144. Skyverse Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 145. Skyverse Technology Co., Ltd. Major Business

Table 146. Skyverse Technology Co., Ltd. Chip Optical Inspection Equipment Product and Services

Table 147. Skyverse Technology Co., Ltd. Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 148. Skyverse Technology Co., Ltd. Recent Developments/Updates

Table 149. Wuhan Jingce Electronic Group Basic Information, Manufacturing Base and Competitors

Table 150. Wuhan Jingce Electronic Group Major Business

Table 151. Wuhan Jingce Electronic Group Chip Optical Inspection Equipment Product and Services

Table 152. Wuhan Jingce Electronic Group Chip Optical Inspection Equipment Sales

Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 153. Wuhan Jingce Electronic Group Recent Developments/Updates

Table 154. Hangzhou Changchuan Technology Basic Information, Manufacturing Base and Competitors

Table 155. Hangzhou Changchuan Technology Major Business

Table 156. Hangzhou Changchuan Technology Chip Optical Inspection Equipment Product and Services

Table 157. Hangzhou Changchuan Technology Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 158. Hangzhou Changchuan Technology Recent Developments/Updates

Table 159. Shanghai Micro Electronics Equipment (Group) Basic Information, Manufacturing Base and Competitors

Table 160. Shanghai Micro Electronics Equipment (Group) Major Business

Table 161. Shanghai Micro Electronics Equipment (Group) Chip Optical Inspection Equipment Product and Services

Table 162. Shanghai Micro Electronics Equipment (Group) Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Shanghai Micro Electronics Equipment (Group) Recent Developments/Updates

Table 164. TZTEK (Muetec) Basic Information, Manufacturing Base and Competitors

Table 165. TZTEK (Muetec) Major Business

Table 166. TZTEK (Muetec) Chip Optical Inspection Equipment Product and Services

Table 167. TZTEK (Muetec) Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 168. TZTEK (Muetec) Recent Developments/Updates

Table 169. DJEL Basic Information, Manufacturing Base and Competitors

Table 170. DJEL Major Business

Table 171. DJEL Chip Optical Inspection Equipment Product and Services

Table 172. DJEL Chip Optical Inspection Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 173. DJEL Recent Developments/Updates

Table 174. Global Chip Optical Inspection Equipment Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 175. Global Chip Optical Inspection Equipment Revenue by Manufacturer

(2021-2026) & (USD Million)

Table 176. Global Chip Optical Inspection Equipment Average Price by Manufacturer (2021-2026) & (K US\$/Unit)

Table 177. Market Position of Manufacturers in Chip Optical Inspection Equipment, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 178. Head Office and Chip Optical Inspection Equipment Production Site of Key Manufacturer

Table 179. Chip Optical Inspection Equipment Market: Company Product Type Footprint

Table 180. Chip Optical Inspection Equipment Market: Company Product Application Footprint

Table 181. Chip Optical Inspection Equipment New Market Entrants and Barriers to Market Entry

Table 182. Chip Optical Inspection Equipment Mergers, Acquisition, Agreements, and Collaborations

Table 183. Global Chip Optical Inspection Equipment Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 184. Global Chip Optical Inspection Equipment Sales Quantity by Region (2021-2026) & (Units)

Table 185. Global Chip Optical Inspection Equipment Sales Quantity by Region (2027-2032) & (Units)

Table 186. Global Chip Optical Inspection Equipment Consumption Value by Region (2021-2026) & (USD Million)

Table 187. Global Chip Optical Inspection Equipment Consumption Value by Region (2027-2032) & (USD Million)

Table 188. Global Chip Optical Inspection Equipment Average Price by Region (2021-2026) & (K US\$/Unit)

Table 189. Global Chip Optical Inspection Equipment Average Price by Region (2027-2032) & (K US\$/Unit)

Table 190. Global Chip Optical Inspection Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 191. Global Chip Optical Inspection Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 192. Global Chip Optical Inspection Equipment Consumption Value by Type (2021-2026) & (USD Million)

Table 193. Global Chip Optical Inspection Equipment Consumption Value by Type (2027-2032) & (USD Million)

Table 194. Global Chip Optical Inspection Equipment Average Price by Type (2021-2026) & (K US\$/Unit)

Table 195. Global Chip Optical Inspection Equipment Average Price by Type

(2027-2032) & (K US\$/Unit)

Table 196. Global Chip Optical Inspection Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 197. Global Chip Optical Inspection Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 198. Global Chip Optical Inspection Equipment Consumption Value by Application (2021-2026) & (USD Million)

Table 199. Global Chip Optical Inspection Equipment Consumption Value by Application (2027-2032) & (USD Million)

Table 200. Global Chip Optical Inspection Equipment Average Price by Application (2021-2026) & (K US\$/Unit)

Table 201. Global Chip Optical Inspection Equipment Average Price by Application (2027-2032) & (K US\$/Unit)

Table 202. North America Chip Optical Inspection Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 203. North America Chip Optical Inspection Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 204. North America Chip Optical Inspection Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 205. North America Chip Optical Inspection Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 206. North America Chip Optical Inspection Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 207. North America Chip Optical Inspection Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 208. North America Chip Optical Inspection Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 209. North America Chip Optical Inspection Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 210. Europe Chip Optical Inspection Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 211. Europe Chip Optical Inspection Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 212. Europe Chip Optical Inspection Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 213. Europe Chip Optical Inspection Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 214. Europe Chip Optical Inspection Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 215. Europe Chip Optical Inspection Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 216. Europe Chip Optical Inspection Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 217. Europe Chip Optical Inspection Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 218. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 219. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 220. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 221. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 222. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Region (2021-2026) & (Units)

Table 223. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity by Region (2027-2032) & (Units)

Table 224. Asia-Pacific Chip Optical Inspection Equipment Consumption Value by Region (2021-2026) & (USD Million)

Table 225. Asia-Pacific Chip Optical Inspection Equipment Consumption Value by Region (2027-2032) & (USD Million)

Table 226. South America Chip Optical Inspection Equipment Sales Quantity by Type (2021-2026) & (Units)

Table 227. South America Chip Optical Inspection Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 228. South America Chip Optical Inspection Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 229. South America Chip Optical Inspection Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 230. South America Chip Optical Inspection Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 231. South America Chip Optical Inspection Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 232. South America Chip Optical Inspection Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 233. South America Chip Optical Inspection Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 234. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by

Type (2021-2026) & (Units)

Table 235. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Type (2027-2032) & (Units)

Table 236. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Application (2021-2026) & (Units)

Table 237. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Application (2027-2032) & (Units)

Table 238. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Country (2021-2026) & (Units)

Table 239. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity by Country (2027-2032) & (Units)

Table 240. Middle East & Africa Chip Optical Inspection Equipment Consumption Value by Country (2021-2026) & (USD Million)

Table 241. Middle East & Africa Chip Optical Inspection Equipment Consumption Value by Country (2027-2032) & (USD Million)

Table 242. Chip Optical Inspection Equipment Raw Material

Table 243. Key Manufacturers of Chip Optical Inspection Equipment Raw Materials

Table 244. Chip Optical Inspection Equipment Typical Distributors

Table 245. Chip Optical Inspection Equipment Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Chip Optical Inspection Equipment Picture

Figure 2. Global Chip Optical Inspection Equipment Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Chip Optical Inspection Equipment Revenue Market Share by Type in 2025

Figure 4. Wafer Examples

Figure 5. Die Examples

Figure 6. Packaging Examples

Figure 7. Global Chip Optical Inspection Equipment Revenue by Technology Type, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Chip Optical Inspection Equipment Revenue Market Share by Technology Type in 2025

Figure 9. Bright Field Examples

Figure 10. Dark Field Examples

Figure 11. Global Chip Optical Inspection Equipment Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 12. Global Chip Optical Inspection Equipment Revenue Market Share by Application in 2025

Figure 13. Integrated Circuit Manufacturing Examples

Figure 14. Advanced Packaging Examples

Figure 15. Global Chip Optical Inspection Equipment Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 16. Global Chip Optical Inspection Equipment Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 17. Global Chip Optical Inspection Equipment Sales Quantity (2021-2032) & (Units)

Figure 18. Global Chip Optical Inspection Equipment Price (2021-2032) & (K US\$/Unit)

Figure 19. Global Chip Optical Inspection Equipment Sales Quantity Market Share by Manufacturer in 2025

Figure 20. Global Chip Optical Inspection Equipment Revenue Market Share by Manufacturer in 2025

Figure 21. Producer Shipments of Chip Optical Inspection Equipment by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 22. Top 3 Chip Optical Inspection Equipment Manufacturer (Revenue) Market Share in 2025

Figure 23. Top 6 Chip Optical Inspection Equipment Manufacturer (Revenue) Market Share in 2025

Figure 24. Global Chip Optical Inspection Equipment Sales Quantity Market Share by Region (2021-2032)

Figure 25. Global Chip Optical Inspection Equipment Consumption Value Market Share by Region (2021-2032)

Figure 26. North America Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 27. Europe Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 28. Asia-Pacific Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 29. South America Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 30. Middle East & Africa Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 31. Global Chip Optical Inspection Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 32. Global Chip Optical Inspection Equipment Consumption Value Market Share by Type (2021-2032)

Figure 33. Global Chip Optical Inspection Equipment Average Price by Type (2021-2032) & (K US\$/Unit)

Figure 34. Global Chip Optical Inspection Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 35. Global Chip Optical Inspection Equipment Revenue Market Share by Application (2021-2032)

Figure 36. Global Chip Optical Inspection Equipment Average Price by Application (2021-2032) & (K US\$/Unit)

Figure 37. North America Chip Optical Inspection Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 38. North America Chip Optical Inspection Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 39. North America Chip Optical Inspection Equipment Sales Quantity Market Share by Country (2021-2032)

Figure 40. North America Chip Optical Inspection Equipment Consumption Value Market Share by Country (2021-2032)

Figure 41. United States Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 42. Canada Chip Optical Inspection Equipment Consumption Value (2021-2032)

& (USD Million)

Figure 43. Mexico Chip Optical Inspection Equipment Consumption Value (2021-2032)

& (USD Million)

Figure 44. Europe Chip Optical Inspection Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 45. Europe Chip Optical Inspection Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 46. Europe Chip Optical Inspection Equipment Sales Quantity Market Share by Country (2021-2032)

Figure 47. Europe Chip Optical Inspection Equipment Consumption Value Market Share by Country (2021-2032)

Figure 48. Germany Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 49. France Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 50. United Kingdom Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 51. Russia Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 52. Italy Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 53. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity Market Share by Type (2021-2032)

Figure 54. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity Market Share by Application (2021-2032)

Figure 55. Asia-Pacific Chip Optical Inspection Equipment Sales Quantity Market Share by Region (2021-2032)

Figure 56. Asia-Pacific Chip Optical Inspection Equipment Consumption Value Market Share by Region (2021-2032)

Figure 57. China Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 58. Japan Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 59. South Korea Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 60. India Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

Figure 61. Southeast Asia Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)

- Figure 62. Australia Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 63. South America Chip Optical Inspection Equipment Sales Quantity Market Share by Type (2021-2032)
- Figure 64. South America Chip Optical Inspection Equipment Sales Quantity Market Share by Application (2021-2032)
- Figure 65. South America Chip Optical Inspection Equipment Sales Quantity Market Share by Country (2021-2032)
- Figure 66. South America Chip Optical Inspection Equipment Consumption Value Market Share by Country (2021-2032)
- Figure 67. Brazil Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 68. Argentina Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 69. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity Market Share by Type (2021-2032)
- Figure 70. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity Market Share by Application (2021-2032)
- Figure 71. Middle East & Africa Chip Optical Inspection Equipment Sales Quantity Market Share by Country (2021-2032)
- Figure 72. Middle East & Africa Chip Optical Inspection Equipment Consumption Value Market Share by Country (2021-2032)
- Figure 73. Turkey Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 74. Egypt Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 75. Saudi Arabia Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 76. South Africa Chip Optical Inspection Equipment Consumption Value (2021-2032) & (USD Million)
- Figure 77. Chip Optical Inspection Equipment Market Drivers
- Figure 78. Chip Optical Inspection Equipment Market Restraints
- Figure 79. Chip Optical Inspection Equipment Market Trends
- Figure 80. Porters Five Forces Analysis
- Figure 81. Manufacturing Cost Structure Analysis of Chip Optical Inspection Equipment in 2025
- Figure 82. Manufacturing Process Analysis of Chip Optical Inspection Equipment
- Figure 83. Chip Optical Inspection Equipment Industrial Chain
- Figure 84. Sales Channel: Direct to End-User vs Distributors

- Figure 85. Direct Channel Pros & Cons
- Figure 86. Indirect Channel Pros & Cons
- Figure 87. Methodology
- Figure 88. Research Process and Data Source

I would like to order

Product name: Global Chip Optical Inspection Equipment Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G34E4C076E52EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G34E4C076E52EN.html>