

# Global Semiconductor Inspection Equipment Market Insights, Forecast to 2026

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## Abstracts

Metrology and inspection are important for the management of the semiconductor manufacturing process. There are 400 to 600 steps in the overall manufacturing process of semiconductor wafers, which are undertaken in the course of one to two months. If any defects occur early on in the process, all the work undertaken in the subsequent time-consuming steps will be wasted. The main segment in the report includes mask inspection, film inspection, optical inspection, wafer defect inspection, macro defect inspection and image wafer inspection, etc.

The industry's leading producers are KLA-Tencor, Applied Materials and Hitachi High-Technologies, which accounted for 37.32%, 13.56% and 11.27% of revenue in 2018, respectively.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Semiconductor Inspection Equipment 4900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Semiconductor Inspection Equipment 4900 industry.

Based on our recent survey, we have several different scenarios about the

Semiconductor Inspection Equipment 4900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 5620.8 million in 2019. The market size of Semiconductor Inspection Equipment 4900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026. With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Semiconductor Inspection Equipment market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Semiconductor Inspection Equipment market in terms of both revenue and volume. Players, stakeholders, and other participants in the global Semiconductor Inspection Equipment market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

### Production and Pricing Analyses

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Semiconductor Inspection Equipment market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global Semiconductor Inspection Equipment market has been provided based on region.

### Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Semiconductor Inspection Equipment market, covering important regions, viz, North America, Europe, China, Japan, Israel and Taiwan (China). It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc.

The report includes country-wise and region-wise market size for the period 2015-2026.

It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

### Competition Analysis

In the competitive analysis section of the report, leading as well as prominent players of the global Semiconductor Inspection Equipment market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Semiconductor Inspection Equipment market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Semiconductor Inspection Equipment market.

The following manufacturers are covered in this report:

KLA-Tencor

Applied Materials

Hitachi High-Technologies

ASML

Lasertec

Rudolph Technologies

ZEISS

Nanometrics

Camtek

SCREEN Semiconductor Solutions

Veeco Instruments

Toray Engineering

Muetec

Unity Semiconductor SAS

Microtronic

RSIC scientific instrument

DJEL

#### Semiconductor Inspection Equipment Breakdown Data by Type

Defect Inspection

Metrology

#### Semiconductor Inspection Equipment Breakdown Data by Application

Wafer Inspection

Mask or Film Inspection

Others

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