

# Semiconductor Metrology and Testing Equipment Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Together with Semiconductor Metrology and wafer Inspection, defect review, analysis, and classification are vital in semiconductor fabrication, providing the means to monitor and control the quality of individual steps in the manufacturing sequence.

This report contains market size and forecasts of Semiconductor Metrology and Testing Equipment in global, including the following market information:

Global Semiconductor Metrology and Testing Equipment Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Semiconductor Metrology and Testing Equipment Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Semiconductor Metrology and Testing Equipment companies in 2021 (%)

The global Semiconductor Metrology and Testing Equipment market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % 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.

Electron Beam Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Semiconductor Metrology and Testing Equipment

include JEOL, Camtek, Onto Innovation (Rudolph Technologies), Applied Materials, ASML Holding, Nikon Metrology, KLA Corporation, Lasertec Corporation and Nova Measuring Instruments, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Semiconductor Metrology and Testing 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 Semiconductor Metrology and Testing Equipment Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Semiconductor Metrology and Testing Equipment Market Segment Percentages, by Type, 2021 (%)

Electron Beam

Optical

Others

Global Semiconductor Metrology and Testing Equipment Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Semiconductor Metrology and Testing Equipment Market Segment Percentages, by Application, 2021 (%)

Thin Film Metrology

Lithography Metrology

Wafer Inspection

Others

Global Semiconductor Metrology and Testing Equipment Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Semiconductor Metrology and Testing 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 Semiconductor Metrology and Testing Equipment revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Semiconductor Metrology and Testing Equipment revenues share in global market, 2021 (%)

Key companies Semiconductor Metrology and Testing Equipment sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Semiconductor Metrology and Testing Equipment sales share in global market, 2021 (%)

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

JEOL

Camtek

Onto Innovation (Rudolph Technologies)

Applied Materials

ASML Holding

Nikon Metrology

KLA Corporation

Lasertec Corporation

Nova Measuring Instruments

Thermo Fisher Scientific

Hitachi Hi-Technologies Corporation

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