

# Ellipsometer Industry Research Report 2024

<https://marketpublishers.com/r/EBA54F7CC92EEN.html>

Date: April 2024

Pages: 129

Price: US\$ 2,950.00 (Single User License)

ID: EBA54F7CC92EEN

## Abstracts

An ellipsometer enables to measure the refractive index and the thickness of semi-transparent thin films. The instrument relies on the fact that the reflection at a dielectric interface depends on the polarization of the light while the transmission of light through a transparent layer changes the phase of the incoming wave depending on the refractive index of the material. An ellipsometer can be used to measure layers as thin as 1 nm up to layers which are several microns thick. Applications include the accurate thickness measurement of thin films, the identification of materials and thin layers and the characterization of surfaces.

According to APO Research, The global Ellipsometer market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

There are two core manufacturers of ellipsometer worldwide, J.A. Woollam and Horiba, which together account for more than 50% of the global market share. North America is the main market with about 50%, followed by Europe with about 45%.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Ellipsometer, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Ellipsometer.

The report will help the Ellipsometer manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different

segments, by company, by Type, by Application, and by regions.

The Ellipsometer market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Ellipsometer market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

J.A. Woollam

Horiba

Gaertner Scientific Corporation

Semilab

Sentech

Holmarc Opto-Mechatronics

Ellitop-Products

Accurion

Angstrom Sun Technologies

Film Sense

#### Ellipsometer segment by Type

Spectroscopic Ellipsometer

Laser Ellipsometer

#### Ellipsometer segment by Application

Semiconductors and Electronics

Academia and Labs

Photovoltaics and Solar Cells

Others

#### Ellipsometer Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

## UAE

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Ellipsometer market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Ellipsometer and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Ellipsometer.
7. This report helps stakeholders to identify some of the key players in the market and

understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Ellipsometer manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Ellipsometer by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Ellipsometer in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Ellipsometer by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Spectroscopic Ellipsometer
  - 2.2.3 Laser Ellipsometer
- 2.3 Ellipsometer by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Semiconductors and Electronics
  - 2.3.3 Academia and Labs
  - 2.3.4 Photovoltaics and Solar Cells
  - 2.3.5 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Ellipsometer Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Ellipsometer Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Ellipsometer Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Ellipsometer Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Ellipsometer Production by Manufacturers (2019-2024)
- 3.2 Global Ellipsometer Production Value by Manufacturers (2019-2024)
- 3.3 Global Ellipsometer Average Price by Manufacturers (2019-2024)
- 3.4 Global Ellipsometer Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Ellipsometer Key Manufacturers, Manufacturing Sites & Headquarters



- 3.6 Global Ellipsometer Manufacturers, Product Type & Application
- 3.7 Global Ellipsometer Manufacturers, Date of Enter into This Industry
- 3.8 Global Ellipsometer Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 J.A. Woollam

- 4.1.1 J.A. Woollam Ellipsometer Company Information
- 4.1.2 J.A. Woollam Ellipsometer Business Overview
- 4.1.3 J.A. Woollam Ellipsometer Production, Value and Gross Margin (2019-2024)
- 4.1.4 J.A. Woollam Product Portfolio
- 4.1.5 J.A. Woollam Recent Developments

### 4.2 Horiba

- 4.2.1 Horiba Ellipsometer Company Information
- 4.2.2 Horiba Ellipsometer Business Overview
- 4.2.3 Horiba Ellipsometer Production, Value and Gross Margin (2019-2024)
- 4.2.4 Horiba Product Portfolio
- 4.2.5 Horiba Recent Developments

### 4.3 Gaertner Scientific Corporation

- 4.3.1 Gaertner Scientific Corporation Ellipsometer Company Information
- 4.3.2 Gaertner Scientific Corporation Ellipsometer Business Overview
- 4.3.3 Gaertner Scientific Corporation Ellipsometer Production, Value and Gross Margin (2019-2024)
- 4.3.4 Gaertner Scientific Corporation Product Portfolio
- 4.3.5 Gaertner Scientific Corporation Recent Developments

### 4.4 Semilab

- 4.4.1 Semilab Ellipsometer Company Information
- 4.4.2 Semilab Ellipsometer Business Overview
- 4.4.3 Semilab Ellipsometer Production, Value and Gross Margin (2019-2024)
- 4.4.4 Semilab Product Portfolio
- 4.4.5 Semilab Recent Developments

### 4.5 Sentech

- 4.5.1 Sentech Ellipsometer Company Information
- 4.5.2 Sentech Ellipsometer Business Overview
- 4.5.3 Sentech Ellipsometer Production, Value and Gross Margin (2019-2024)
- 4.5.4 Sentech Product Portfolio
- 4.5.5 Sentech Recent Developments

### 4.6 Holmarc Opto-Mechatronics

- 4.6.1 Holmarc Opto-Mechatronics Ellipsometer Company Information
- 4.6.2 Holmarc Opto-Mechatronics Ellipsometer Business Overview
- 4.6.3 Holmarc Opto-Mechatronics Ellipsometer Production, Value and Gross Margin (2019-2024)
- 4.6.4 Holmarc Opto-Mechatronics Product Portfolio
- 4.6.5 Holmarc Opto-Mechatronics Recent Developments
- 4.7 Ellitop-Products
  - 4.7.1 Ellitop-Products Ellipsometer Company Information
  - 4.7.2 Ellitop-Products Ellipsometer Business Overview
  - 4.7.3 Ellitop-Products Ellipsometer Production, Value and Gross Margin (2019-2024)
  - 4.7.4 Ellitop-Products Product Portfolio
  - 4.7.5 Ellitop-Products Recent Developments
- 4.8 Accurion
  - 4.8.1 Accurion Ellipsometer Company Information
  - 4.8.2 Accurion Ellipsometer Business Overview
  - 4.8.3 Accurion Ellipsometer Production, Value and Gross Margin (2019-2024)
  - 4.8.4 Accurion Product Portfolio
  - 4.8.5 Accurion Recent Developments
- 4.9 Angstrom Sun Technologies
  - 4.9.1 Angstrom Sun Technologies Ellipsometer Company Information
  - 4.9.2 Angstrom Sun Technologies Ellipsometer Business Overview
  - 4.9.3 Angstrom Sun Technologies Ellipsometer Production, Value and Gross Margin (2019-2024)
  - 4.9.4 Angstrom Sun Technologies Product Portfolio
  - 4.9.5 Angstrom Sun Technologies Recent Developments
- 4.10 Film Sense
  - 4.10.1 Film Sense Ellipsometer Company Information
  - 4.10.2 Film Sense Ellipsometer Business Overview
  - 4.10.3 Film Sense Ellipsometer Production, Value and Gross Margin (2019-2024)
  - 4.10.4 Film Sense Product Portfolio
  - 4.10.5 Film Sense Recent Developments

## **5 GLOBAL ELLIPSOMETER PRODUCTION BY REGION**

- 5.1 Global Ellipsometer Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Ellipsometer Production by Region: 2019-2030
  - 5.2.1 Global Ellipsometer Production by Region: 2019-2024
  - 5.2.2 Global Ellipsometer Production Forecast by Region (2025-2030)

5.3 Global Ellipsometer Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global Ellipsometer Production Value by Region: 2019-2030

5.4.1 Global Ellipsometer Production Value by Region: 2019-2024

5.4.2 Global Ellipsometer Production Value Forecast by Region (2025-2030)

5.5 Global Ellipsometer Market Price Analysis by Region (2019-2024)

5.6 Global Ellipsometer Production and Value, YOY Growth

5.6.1 North America Ellipsometer Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Ellipsometer Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Ellipsometer Production Value Estimates and Forecasts (2019-2030)

5.6.4 India Ellipsometer Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL ELLIPSOMETER CONSUMPTION BY REGION**

6.1 Global Ellipsometer Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Ellipsometer Consumption by Region (2019-2030)

6.2.1 Global Ellipsometer Consumption by Region: 2019-2030

6.2.2 Global Ellipsometer Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Ellipsometer Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Ellipsometer Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Ellipsometer Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Ellipsometer Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Ellipsometer Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Ellipsometer Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Ellipsometer Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Ellipsometer Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global Ellipsometer Production by Type (2019-2030)

7.1.1 Global Ellipsometer Production by Type (2019-2030) & (Units)

7.1.2 Global Ellipsometer Production Market Share by Type (2019-2030)

7.2 Global Ellipsometer Production Value by Type (2019-2030)

7.2.1 Global Ellipsometer Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Ellipsometer Production Value Market Share by Type (2019-2030)

7.3 Global Ellipsometer Price by Type (2019-2030)

## **8 SEGMENT BY APPLICATION**

8.1 Global Ellipsometer Production by Application (2019-2030)

8.1.1 Global Ellipsometer Production by Application (2019-2030) & (Units)

8.1.2 Global Ellipsometer Production by Application (2019-2030) & (Units)

8.2 Global Ellipsometer Production Value by Application (2019-2030)

8.2.1 Global Ellipsometer Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Ellipsometer Production Value Market Share by Application (2019-2030)

8.3 Global Ellipsometer Price by Application (2019-2030)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

- 9.1 Ellipsometer Value Chain Analysis
  - 9.1.1 Ellipsometer Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Ellipsometer Production Mode & Process
- 9.2 Ellipsometer Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Ellipsometer Distributors
  - 9.2.3 Ellipsometer Customers

## **10 GLOBAL ELLIPSOMETER ANALYZING MARKET DYNAMICS**

- 10.1 Ellipsometer Industry Trends
- 10.2 Ellipsometer Industry Drivers
- 10.3 Ellipsometer Industry Opportunities and Challenges
- 10.4 Ellipsometer Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## I would like to order

Product name: Ellipsometer Industry Research Report 2024

Product link: <https://marketpublishers.com/r/EBA54F7CC92EEN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EBA54F7CC92EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970