

Global Ellipsometer Market Data Survey Report 2025

<https://marketpublishers.com/r/G1C40E1A163EN.html>

Date: August 2018

Pages: 64

Price: US\$ 1,500.00 (Single User License)

ID: G1C40E1A163EN

Abstracts

SUMMARY

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.

The global Ellipsometer market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

J.A. Woollam Co.(US)

Horiba (Japan)

Gaertner Scientific Corporation (US)

Semilab (Hungary)

Sentech (Germany)

Holmarc Opto-Mechatronics (India)

Holmarc Opto-Mechatronics (India)

Accurion (Germany)

Angstrom Sun Technologies (US)

Film Sense (US)

Major applications as follows:

Semiconductors and Electronics

Academia and Labs

Photovoltaics and Solar Cells

Others

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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