

Semiconductor Manufacturing Equipment Market - Forecasts from 2019 to 2024

<https://marketpublishers.com/r/S3D155B2D0FBEN.html>

Date: June 2019

Pages: 112

Price: US\$ 3,950.00 (Single User License)

ID: S3D155B2D0FBEN

Abstracts

The global semiconductor manufacturing equipment market is expected to witness a compound annual growth rate of 4.88% to reach a market size of US\$91.856 billion in 2024 from US\$69.008 billion in 2018. Semiconductor manufacturing equipment is used for varied purposes across the production process of semiconductor materials. Growing semiconductor industry owing to technological advancements and surging demand for consumer electronics is the major factors driving the semiconductor manufacturing equipment market growth. Moreover, the rising adoption of connected devices and the anticipated increase in the production of electric vehicles is projected to stimulate the growth of the semiconductor manufacturing equipment market. However, the oversupply of NAND and DRAM devices is expected to slow down the growth potential of the market.

DRIVERS

Growing miniaturization of devices.

Development of connected infrastructure.

RESTRAINTS

Oversupply of NAND and Memory products.

INDUSTRY UPDATE

SK Hynix Inc. has recently installed a deep ultraviolet (DUV)

photolithography equipment at its memory semiconductor plant in Wuxi, China.

In March 2019, ON Semiconductor announced that it has completed first of at least two expansions in its facility in the Czech Republic, that will enable the company to meet the growing demand for silicon wafer from different industry verticals.

The major players profiled in the semiconductor manufacturing equipment market are Kokusai Electric Corporation, ASML Holdings N.V, Hitachi High-Technologies Corporation, and Tokyo Electron Limited among others.

Segmentation

The semiconductor manufacturing equipment market has been analyzed through the following segments:

By Front-End Equipment

Lithography

Water Surface Conditioning Equipment

Cleaning Process

Others

By Back-End Equipment

Assembling and Packaging

Bonding Equipment

Dicing Equipment

Testing Equipment

Metrology Equipment

By Dimension

2D

2.5D

3D

By Fab Facility

Automation

Chemical Control Equipment

Gas Control Equipment

Others

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Others

Europe

United Kingdom

Germany

France

Others

Middle East and Africa

Israel

Others

Asia Pacific

Japan

China

Taiwan

South Korea

Others

Contents

1. INTRODUCTION

- 1.1. Market Overview
- 1.2. Market Definition
- 1.3. Scope of the Study
- 1.4. Currency
- 1.5. Assumptions
- 1.6. Base, and Forecast Years Timeline

2. RESEARCH METHODOLOGY

- 2.1. Research Design
- 2.2. Secondary Sources

3. KEY FINDINGS

4. MARKET DYNAMICS

- 4.1. Market Segmentation
- 4.2. Market Drivers
- 4.3. Market Restraints
- 4.4. Market Opportunities
- 4.5. Porter's Five Forces Analysis
 - 4.5.1. Bargaining Power of Suppliers
 - 4.5.2. Bargaining Power of Buyers
 - 4.5.3. Threat of New Entrants
 - 4.5.4. Threat of Substitutes
 - 4.5.5. Competitive Rivalry in the Industry
- 4.6. Life Cycle Analysis - Regional Snapshot
- 4.7. Market Attractiveness

5. SEMICONDUCTOR MANUFACTURING EQUIPMENT MARKET BY FRONT-END EQUIPMENT

- 5.1. Lithography
- 5.2. Water Surface Conditioning Equipment
- 5.3. Cleaning Process

5.4. Others

6. SEMICONDUCTOR MANUFACTURING EQUIPMENT MARKET BY BACK-END EQUIPMENT

- 6.1. Assembling and Packaging
- 6.2. Bonding Equipment
- 6.3. Dicing Equipment
- 6.4. Testing Equipment
- 6.5. Metrology Equipment

7. SEMICONDUCTOR MANUFACTURING EQUIPMENT MARKET BY DIMENSION

- 7.1. 2D
- 7.2. 2.5D
- 7.3. 3D

8. SEMICONDUCTOR MANUFACTURING EQUIPMENT MARKET BY FAB FACILITY

- 8.1. Automation
- 8.2. Chemical Control Equipment
- 8.3. Gas Control Equipment
- 8.4. Others

9. SEMICONDUCTOR MANUFACTURING EQUIPMENT MARKET BY GEOGRAPHY

- 9.1. North America
 - 9.1.1. USA
 - 9.1.2. Canada
 - 9.1.3. Mexico
- 9.2. South America
 - 9.2.1. Brazil
 - 9.2.2. Others
- 9.3. Europe
 - 9.3.1. United Kingdom
 - 9.3.2. Germany
 - 9.3.3. France
 - 9.3.4. Others
- 9.4. Middle East and Africa

- 9.4.1. Israel
- 9.4.2. Others
- 9.5. Asia Pacific
 - 9.5.1. Japan
 - 9.5.2. China
 - 9.5.3. Taiwan
 - 9.5.4. South Korea
 - 9.5.5. Others

10. COMPETITIVE INTELLIGENCE

- 10.1. Competitive Benchmarking and Analysis
- 10.2. Recent Investments and Deals
- 10.3. Strategies of Key Players

11. COMPANY PROFILES

- 11.1. Tokyo Seimitsu Co., Ltd.
- 11.2. Kokusai Electric Corporation
- 11.3. Terra Universal
- 11.4. Modutek Corporation
- 11.5. Hitachi High-Technologies Corporation
- 11.6. LAM Research Corporation
- 11.7. Applied Materials, Inc.
- 11.8. ASML Holdings N.V
- 11.9. Tokyo Electron Limited
- 11.10. Teradyne, Inc.

LIST OF FIGURES

LIST OF TABLES

I would like to order

Product name: Semiconductor Manufacturing Equipment Market - Forecasts from 2019 to 2024

Product link: <https://marketpublishers.com/r/S3D155B2D0FBEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S3D155B2D0FBEN.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