

Global Thin Film Metrology System Market Size study with COVID Impact, By Application (Semiconductor, MEMS, Data Storage, High-Brightness LED (HB-LED), Nanometrics and others) By Product Type (Opaque Films, Transparent Films, Thick Films and others) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/G7DAF2F951FBEN.html>

Date: June 2020

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: G7DAF2F951FBEN

Abstracts

Global Thin Film Metrology System Market is valued approximately USD XX billion in 2019 and is anticipated to grow with a healthy growth rate of more than 3.4 % over the forecast period 2020-2027. Thin film metrology systems are being used to measure film thickness precisely. Thin film metrology systems are being used to measure various types of film thickness precisely, like resistance, thickness and stress, among many others. The series of film layers acting as conductors, semiconductors or bare wafers have been deposited on an IC during IC manufacturing. Digital developments in the overall semiconductor and electronics industry and the increasing use of memory-based materials in advanced technology devices in all vertical industries, which include telecommunications, consumer electronics and automotive, have been driving the development of thin film metrology systems. According to Statista, in 2020, sales of semiconductor industries are expected to reach 433.03 billion U.S. dollars worldwide. In February 2018, Nanometrics Incorporated, a leading supplier of advanced process control solutions, announced that the domestic Chinese 3D-NAND manufacturer had also identified Nanometrics for fab-wide process control. Demand variability in the semiconductor industry is one of the major factors expected to hinder the growth of this product market. New manufacturing technologies, component architecture are the opportunity factors of the market. In August 2018, Rudolph Technologies announced the introduction of a 2nd gen dragonfly inspection and advanced packaging metrology system. The company expects this new system to increase the options for advanced

packaging customers to meet their wafer-based application challenges on a single platform.

The regional analysis of global Thin Film Metrology System market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America provides the highest demand due to factors such as rising demand for electronic goods and high consumer purchasing power. However, Asia Pacific, which is home to almost half the world's population, is also predicted to have a healthy growth rate.

Major market player included in this report are:

KLA-Tencor

Nanometrics

Nova Measuring Instruments

Rudolph Technologies

SCREEN Holdings

Hitachi High-Technologies

Semilab

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application

Semiconductor

MEMS

Data Storage

High-Brightness LED (HB-LED)

Nanometrics

Others

By Product Type

Opaque Films

Transparent Films

Thick Films

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Urgent Care Center Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Thin Film Metrology System Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Thin Film Metrology System Market, by Type, 2018-2027 (USD Billion)
 - 1.2.3. Thin Film Metrology System Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL THIN FILM METROLOGY SYSTEM MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL THIN FILM METROLOGY SYSTEM MARKET DYNAMICS

- 3.1. Thin Film Metrology System Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL THIN FILM METROLOGY SYSTEM MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry

- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL THIN FILM METROLOGY SYSTEM MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Thin Film Metrology System Market by Type, Performance - Potential Analysis
- 5.3. Global Thin Film Metrology System Market Estimates & Forecasts by Type 2017-2027 (USD Billion)
- 5.4. Thin Film Metrology System Market, Sub Segment Analysis
 - 5.4.1. Opaque Films
 - 5.4.2. Transparent Films
 - 5.4.3. Thick Films
 - 5.4.4. Others

CHAPTER 6. GLOBAL THIN FILM METROLOGY SYSTEM MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Thin Film Metrology System Market by Application, Performance - Potential Analysis
- 6.3. Global Thin Film Metrology System Market Estimates & Forecasts by Application 2017-2027 (USD Billion)
- 6.4. Thin Film Metrology System Market, Sub Segment Analysis
 - 6.4.1. Semiconductor
 - 6.4.2. MEMS
 - 6.4.3. Data Storage
 - 6.4.4. High-Brightness LED (HB-LED)
 - 6.4.5. Nanometrics
 - 6.4.6. Others

CHAPTER 7. GLOBAL THIN FILM METROLOGY SYSTEM MARKET, REGIONAL

ANALYSIS

- 7.1. Thin Film Metrology System Market, Regional Market Snapshot
- 7.2. North America Thin Film Metrology System Market
 - 7.2.1. U.S. Thin Film Metrology System Market
 - 7.2.1.1. Type breakdown estimates & forecasts, 2017-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2017-2027
 - 7.2.2. Canada Thin Film Metrology System Market
- 7.3. Europe Thin Film Metrology System Market Snapshot
 - 7.3.1. U.K. Thin Film Metrology System Market
 - 7.3.2. Germany Thin Film Metrology System Market
 - 7.3.3. France Thin Film Metrology System Market
 - 7.3.4. Spain Thin Film Metrology System Market
 - 7.3.5. Italy Thin Film Metrology System Market
 - 7.3.6. Rest of Europe Thin Film Metrology System Market
- 7.4. Asia-Pacific Thin Film Metrology System Market Snapshot
 - 7.4.1. China Thin Film Metrology System Market
 - 7.4.2. India Thin Film Metrology System Market
 - 7.4.3. Japan Thin Film Metrology System Market
 - 7.4.4. Australia Thin Film Metrology System Market
 - 7.4.5. South Korea Thin Film Metrology System Market
 - 7.4.6. Rest of Asia Pacific Thin Film Metrology System Market
- 7.5. Latin America Thin Film Metrology System Market Snapshot
 - 7.5.1. Brazil Thin Film Metrology System Market
 - 7.5.2. Mexico Thin Film Metrology System Market
- 7.6. Rest of The World Thin Film Metrology System Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
- 8.3. KLA-Tencor
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Summary
 - 8.3.1.5. Recent Developments
- 8.3.2. Nanometrics
- 8.3.3. Nova Measuring Instruments

8.3.4. Rudolph Technologies

8.3.5. SCREEN Holdings

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Thin Film Metrology System Market, report scope

TABLE 2. Global Thin Film Metrology System Market estimates & forecasts by region
2017-2027 (USD Billion)

TABLE 3. Global Thin Film Metrology System Market estimates & forecasts by Type
2017-2027 (USD Billion)

TABLE 4. Global Thin Film Metrology System Market estimates & forecasts by
Application 2017-2027 (USD Billion)

TABLE 5. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 6. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 7. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 8. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 9. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 10. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 11. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 12. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 13. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 14. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 15. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 16. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 17. Global Thin Film Metrology System Market by segment, estimates &
forecasts, 2017-2027 (USD Billion)

TABLE 18. Global Thin Film Metrology System Market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 19. Global Thin Film Metrology System Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Thin Film Metrology System Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. U.S. Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. U.S. Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 23. U.S. Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. Canada Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 25. Canada Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 26. Canada Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. UK Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 28. UK Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 29. UK Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. Germany Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 31. Germany Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 32. Germany Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. France Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 34. France Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 35. France Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. Spain Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 37. Spain Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 38. Spain Thin Film Metrology System Market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 39. Italy Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 40. Italy Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 41. Italy Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 42. ROE Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 43. ROE Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 44. ROE Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 45. China Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 46. China Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 47. China Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 48. India Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 49. India Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 50. India Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 51. Japan Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 52. Japan Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 53. Japan Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 54. Australia Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 55. Australia Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 56. Australia Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 57. South Korea Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 58. South Korea Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 59. South Korea Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. ROPAC Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 61. ROPAC Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 62. ROPAC Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. Brazil Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 64. Brazil Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 65. Brazil Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Mexico Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 67. Mexico Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 68. Mexico Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. ROLA Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 70. ROLA Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 71. ROLA Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROW Thin Film Metrology System Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 73. ROW Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 74. ROW Thin Film Metrology System Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. List of secondary sources, used in the study of global Thin Film Metrology System Market

TABLE 76. List of primary sources, used in the study of global Thin Film Metrology System Market

TABLE 77. Years considered for the study

TABLE 78. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Thin Film Metrology System Market, research methodology
- FIG 2. Global Thin Film Metrology System Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Thin Film Metrology System Market, key trends 2019
- FIG 5. Global Thin Film Metrology System Market, growth prospects 2020-2027
- FIG 6. Global Thin Film Metrology System Market, porters 5 force model
- FIG 7. Global Thin Film Metrology System Market, pest analysis
- FIG 8. Global Thin Film Metrology System Market, value chain analysis
- FIG 9. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Thin Film Metrology System Market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Thin Film Metrology System Market, regional snapshot 2017 & 2027
- FIG 18. North America Thin Film Metrology System Market 2017 & 2027 (USD Billion)
- FIG 19. Europe Thin Film Metrology System Market 2017 & 2027 (USD Billion)
- FIG 20. Asia Pacific Thin Film Metrology System Market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Thin Film Metrology System Market 2017 & 2027 (USD Billion)
- FIG 22. Global Thin Film Metrology System Market, company market share analysis (2019)

COMPANIES MENTIONED

KLA-Tencor

Nanometrics
Nova Measuring Instruments
Rudolph Technologies
SCREEN Holdings
Hitachi High-Technologies
Semilab

I would like to order

Product name: Global Thin Film Metrology System Market Size study with COVID Impact, By Application (Semiconductor, MEMS, Data Storage, High-Brightness LED (HB-LED), Nanometrics and others) By Product Type (Opaque Films, Transparent Films, Thick Films and others) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G7DAF2F951FBEN.html>

Price: US\$ 3,218.00 (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/G7DAF2F951FBEN.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