

Global Super-resolution Microscopes Market Size study, by Technology (Stimulated Emission Depletion (STED) Microscopy, Structured-Illumination Microscopy (SIM), Stochastic Optical Reconstruction Microscopy (STORM), Fluorescence Photoactivation Localization Microscopy (FPALM), Photoactivated Localization Microscopy (PALM)) by End Use (Nanotechnology, Life Science, Material Science, Semiconductor, Other Applications) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G4DD50A0B940EN.html>

Date: December 2021

Pages: 200

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

ID: G4DD50A0B940EN

Abstracts

Global Super-resolution Microscopes Market is valued approximately USD 2.8 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 8.9 % over the forecast period 2021-2027. Super-resolution microscopy is a technique used to observe biological structures at a higher resolution than a conventional light microscopy. It is widely used in different sectors such as neuroscience, life sciences, nanotechnology, and semiconductor industry. Growing Nano Technology industry and increasing technological advancements are key drivers for the growth of Super-resolution Microscope's market. According to National Nanotechnology Initiative, in 2020 budget, The U.S. President has allocated over USD 1.4 billion for The National Nanotechnology Initiative (NNI). This investment will fuel up NNI's basic research, early-stage applied research, and technology transfer efforts that will lead to the breakthroughs of the future. Cumulatively totaling nearly USD 29 billion since the inception of the NNI in 2001. Also, with the increasing application in life science industry, the adoption & demand for Super-resolution Microscopes is likely to increase the market growth during

the forecast period. However, decrease in production due covid 19 outbreak impedes the growth of the market over the forecast period of 2021-2027.

The key regions considered for the global Super-resolution Microscopes market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to high investment in R&D activities and rising focus on new drug development in the region. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2021-2027. Factors such as growing pharmaceutical, and nanotechnology industry in the region would create lucrative growth prospects for the Super-resolution Microscopes market across Asia-Pacific region.

Major market player included in this report are:

ZEISS

Hitachi High Tech Corporation.,

JEOL Ltd,

Olympus Inc,

GE LifeSciences,

Nikon Corporation,

FEI Company,

Leica Microsystems,

Bruker Corporation

Active Motif

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 Technology:

Stimulated Emission Depletion (STED) Microscopy

Structured-Illumination Microscopy (SIM)

Stochastic Optical Reconstruction Microscopy (STORM)

Fluorescence Photoactivation Localization Microscopy (FPALM)

Photoactivated Localization Microscopy (PALM)

By End Use:

Nanotechnology

Life Science

Material Science

Semi-conductor

Other Applications

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:

Global Super-resolution Microscopes Market Size study, by Technology (Stimulated Emission Depletion (STED) Mic...

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Super-resolution Microscopes 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, 2019-2027 (USD Billion)
 - 1.2.1. Super-resolution Microscopes Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Super-resolution Microscopes Market, by Technology, 2019-2027 (USD Billion)
 - 1.2.3. Super-resolution Microscopes Market, by End Use, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SUPER-RESOLUTION MICROSCOPES 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 SUPER-RESOLUTION MICROSCOPES MARKET DYNAMICS

- 3.1. Super-resolution Microscopes Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing Nano Technology industry
 - 3.1.1.2. Increasing Technological advancements
 - 3.1.2. Market Challenges
 - 3.1.2.1. Decrease in the production due to covid 19 pandemic
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing use in life science industry

CHAPTER 4. GLOBAL SUPER-RESOLUTION MICROSCOPES 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 (2018-2027)
- 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
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL SUPER-RESOLUTION MICROSCOPES MARKET, BY TECHNOLOGY

- 6.1. Market Snapshot
- 6.2. Global Super-resolution Microscopes Market by Technology, Performance - Potential Analysis
- 6.3. Global Super-resolution Microscopes Market Estimates & Forecasts by Technology 2018-2027 (USD Billion)
- 6.4. Super-resolution Microscopes Market, Sub Segment Analysis
 - 6.4.1. Stimulated Emission Depletion (STED) Microscopy
 - 6.4.2. Structured-Illumination Microscopy (SIM)
 - 6.4.3. Stochastic Optical Reconstruction Microscopy (STORM)
 - 6.4.4. Fluorescence Photoactivation Localization Microscopy (FPALM)
 - 6.4.5. Photoactivated Localization Microscopy (PALM)

CHAPTER 7. GLOBAL SUPER-RESOLUTION MICROSCOPES MARKET, BY END USE

- 7.1. Market Snapshot
- 7.2. Global Super-resolution Microscopes Market by End Use, Performance - Potential Analysis
- 7.3. Global Super-resolution Microscopes Market Estimates & Forecasts by End Use 2018-2027 (USD Billion)
- 7.4. Super-resolution Microscopes Market, Sub Segment Analysis
 - 7.4.1. Nanotechnology
 - 7.4.2. Life Science
 - 7.4.3. Material Science
 - 7.4.4. Semi-conductor
 - 7.4.5. Other Applications

CHAPTER 8. GLOBAL SUPER-RESOLUTION MICROSCOPES MARKET, REGIONAL ANALYSIS

- 8.1. Super-resolution Microscopes Market, Regional Market Snapshot
- 8.2. North America Super-resolution Microscopes Market
 - 8.2.1. U.S. Super-resolution Microscopes Market
 - 8.2.1.1. Technology breakdown estimates & forecasts, 2018-2027
 - 8.2.1.2. End Use breakdown estimates & forecasts, 2018-2027
 - 8.2.2. Canada Super-resolution Microscopes Market
- 8.3. Europe Super-resolution Microscopes Market Snapshot
 - 8.3.1. U.K. Super-resolution Microscopes Market
 - 8.3.2. Germany Super-resolution Microscopes Market
 - 8.3.3. France Super-resolution Microscopes Market
 - 8.3.4. Spain Super-resolution Microscopes Market
 - 8.3.5. Italy Super-resolution Microscopes Market
 - 8.3.6. Rest of Europe Super-resolution Microscopes Market
- 8.4. Asia-Pacific Super-resolution Microscopes Market Snapshot
 - 8.4.1. China Super-resolution Microscopes Market
 - 8.4.2. India Super-resolution Microscopes Market
 - 8.4.3. Japan Super-resolution Microscopes Market
 - 8.4.4. Australia Super-resolution Microscopes Market
 - 8.4.5. South Korea Super-resolution Microscopes Market
 - 8.4.6. Rest of Asia Pacific Super-resolution Microscopes Market
- 8.5. Latin America Super-resolution Microscopes Market Snapshot
 - 8.5.1. Brazil Super-resolution Microscopes Market
 - 8.5.2. Mexico Super-resolution Microscopes Market
- 8.6. Rest of The World Super-resolution Microscopes Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. ZEISS

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

9.2.2. Hitachi High Tech Corporation.,

9.2.3. JEOL Ltd,

9.2.4. Olympus Inc,

9.2.5. GE LifeSciences,

9.2.6. Nikon Corporation,

9.2.7. FEI Company,

9.2.8. Leica Microsystems,

9.2.9. Bruker Corporation

9.2.10. Active Motif

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Super-resolution Microscopes market, report scope

TABLE 2. Global Super-resolution Microscopes market estimates & forecasts by Region 2018-2027 (USD Billion)

TABLE 3. Global Super-resolution Microscopes market estimates & forecasts by Technology 2018-2027 (USD Billion)

TABLE 4. Global Super-resolution Microscopes market estimates & forecasts by End Use 2018-2027 (USD Billion)

TABLE 5. Global Super-resolution Microscopes market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 6. Global Super-resolution Microscopes market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global Super-resolution Microscopes market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Super-resolution Microscopes market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Super-resolution Microscopes market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Super-resolution Microscopes market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Super-resolution Microscopes market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Super-resolution Microscopes market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Super-resolution Microscopes market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Super-resolution Microscopes market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. U.S. Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. U.S. Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 17. U.S. Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 18. Canada Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Canada Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. Canada Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. UK Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. UK Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Germany Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Germany Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. RoE Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. RoE Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. China Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. China Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. India Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. India Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Japan Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Japan Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Japan Super-resolution Microscopes market estimates & forecasts by

segment 2018-2027 (USD Billion)

TABLE 39. RoAPAC Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. RoAPAC Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Brazil Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. Brazil Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Mexico Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. Mexico Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. RoLA Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. RoLA Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. Row Super-resolution Microscopes market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. Row Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row Super-resolution Microscopes market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Super-resolution Microscopes market

TABLE 55. List of primary sources, used in the study of global Super-resolution Microscopes market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Super-resolution Microscopes market, research methodology
- FIG 2. Global Super-resolution Microscopes market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Super-resolution Microscopes market, key trends 2020
- FIG 5. Global Super-resolution Microscopes market, growth prospects 2021-2027
- FIG 6. Global Super-resolution Microscopes market, porters 5 force model
- FIG 7. Global Super-resolution Microscopes market, pest analysis
- FIG 8. Global Super-resolution Microscopes market, value chain analysis
- FIG 9. Global Super-resolution Microscopes market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Super-resolution Microscopes market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Super-resolution Microscopes market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Super-resolution Microscopes market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Super-resolution Microscopes market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Super-resolution Microscopes market, regional snapshot 2018 & 2027
- FIG 15. North America Super-resolution Microscopes market 2018 & 2027 (USD Billion)
- FIG 16. Europe Super-resolution Microscopes market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Super-resolution Microscopes market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Super-resolution Microscopes market 2018 & 2027 (USD Billion)
- FIG 19. Global Super-resolution Microscopes market, company market share analysis (2020)

I would like to order

Product name: Global Super-resolution Microscopes Market Size study, by Technology (Stimulated Emission Depletion (STED) Microscopy, Structured-Illumination Microscopy (SIM), Stochastic Optical Reconstruction Microscopy (STORM), Fluorescence Photoactivation Localization Microscopy (FPALM), Photoactivated Localization Microscopy (PALM)) by End Use (Nanotechnology, Life Science, Material Science, Semi-conductor, Other Applications) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G4DD50A0B940EN.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/G4DD50A0B940EN.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