

# Global and Regional Super-Resolution Microscope Market Research Report 2017

<https://marketpublishers.com/r/GCB13F7F626EN.html>

Date: December 2017

Pages: 130

Price: US\$ 3,500.00 (Single User License)

ID: GCB13F7F626EN

## Abstracts

### SUMMARY

Super-resolution microscopy is a form of light microscopy. Due to the diffraction of light, the resolution of conventional light microscopy is limited, as stated by Ernst Abbe in 1873.[1] A good approximation of the resolution attainable is the full width at half maximum (FWHM) of the point spread function, and a precise widefield microscope with high numerical aperture and visible light usually reaches a resolution of ~250 nm.

Market Segment as follows:

#### By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

#### By Type

STED

SSIM/SIM

STORM

FPALM

PALM

### By Application

Nanotechnology

Life Science

Research Labs and Academia

Semi-Conductor

### By Company

Carl Zeiss AG

Leica Microsystems

Nikon Corporation

Olympus Corporation

GE LifeSciences

Bruker Corporation

PicoQuant group

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price by type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Market Segment Overview
  - 1.1.1 Product Definition
  - 1.1.2 Market by Type
    - 1.1.2.1 STED
    - 1.1.2.2 SSIM/SIM
    - 1.1.2.3 STORM
    - 1.1.2.4 FPALM
    - 1.1.2.5 PALM
  - 1.1.3 Market by Application
    - 1.1.3.1 Nanotechnology
    - 1.1.3.2 Life Science
    - 1.1.3.3 Research Labs and Academia
    - 1.1.3.4 Semi-Conductor
- 1.2 Global and Regional Market Size
  - 1.2.1 Global Overview
  - 1.2.2 Market by Region
    - 1.2.2.1 Asia-Pacific
    - 1.2.2.2 North America
    - 1.2.2.3 Europe
    - 1.2.2.4 South America
    - 1.2.2.5 Middle East & Africa

### **2 GLOBAL AND REGIONAL MARKET BY COMPANY**

- 2.1 Global
  - 2.1.1 Global Sales by Company
  - 2.1.2 Global Price by Company
- 2.2 Asia-Pacific
  - 2.2.1 Asia-Pacific Sales by Company
  - 2.2.2 Asia-Pacific Price by Company
- 2.3 North America
  - 2.3.1 North America Sales by Company
  - 2.3.2 North America Price by Company
- 2.4 Europe
  - 2.4.1 Europe Market Sales by Company

- 2.4.2 Europe Price by Company
- 2.5 South America
  - 2.5.1 South America Sales by Company
  - 2.5.2 South America Price by Company
- 2.6 Middle East & Africa
  - 2.6.1 Middle East & Africa Sales by Company
  - 2.6.2 Middle East & Africa Price by Company

### **3 GLOBAL AND REGIONAL MARKET BY TYPE**

- 3.1 Global
  - 3.1.1 Global Sales by Type
  - 3.1.2 Global Price by Type
- 3.2 Asia-Pacific
  - 3.2.1 Asia-Pacific Sales by Type
  - 3.2.2 Asia-Pacific Price by Type
- 3.3 North America
  - 3.3.1 North America Sales by Type
  - 3.3.2 North America Price by Type
- 3.4 Europe
  - 3.4.1 Europe Market Sales by Type
  - 3.4.2 Europe Price by Type
- 3.5 South America
  - 3.5.1 South America Sales by Type
  - 3.5.2 South America Price by Type
- 3.6 Middle East & Africa
  - 3.6.1 Middle East & Africa Sales by Type
  - 3.6.2 Middle East & Africa Price by Type

### **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

- 4.1 Global
  - 4.1.1 Global Sales by Application
  - 4.1.2 Global Price by Application
- 4.2 Asia-Pacific
  - 4.2.1 Asia-Pacific Sales by Application
  - 4.2.2 Asia-Pacific Price by Application
- 4.3 North America
  - 4.3.1 North America Sales by Application

- 4.3.2 North America Price by Application
- 4.4 Europe
  - 4.4.1 Europe Market Sales by Application
  - 4.4.2 Europe Price by Application
- 4.5 South America
  - 4.5.1 South America Sales by Application
  - 4.5.2 South America Price by Application
- 4.6 Middle East & Africa
  - 4.6.1 Middle East & Africa Sales by Application
  - 4.6.2 Middle East & Africa Price by Application

## **5 REGIONAL TRADE**

- 5.1 Export
- 5.2 Import

## **6 KEY MANUFACTURERS**

- 6.1 Carl Zeiss AG
  - 6.1.2 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Leica Microsystems
  - 6.2.1 Company Information
  - 6.2.2 Product Specifications
  - 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Nikon Corporation
  - 6.3.1 Company Information
  - 6.3.2 Product Specifications
  - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Olympus Corporation
  - 6.4.1 Company Information
  - 6.4.2 Product Specifications
  - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 GE LifeSciences
  - 6.5.1 Company Information
  - 6.5.2 Product Specifications
  - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 Bruker Corporation

- 6.6.1 Company Information
- 6.6.2 Product Specifications
- 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.7 PicoQuant group
  - 6.7.1 Company Information
  - 6.7.2 Product Specifications
  - 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

## **7 INDUSTRY UPSTREAM**

- 7.1 Industry Chain
- 7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

- 8.1 SWOT
- 8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2011-2017  
Table Global Market Sales Revenue Share by Company 2011-2017  
Table Global Market Sales Volume by Company 2011-2017  
Table Global Market Sales Volume Share by Company 2011-2017  
Table Global Price by Company 2011-2017  
Table Asia-Pacific Market Sales Revenue by Company 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Company 2011-2017  
Table Asia-Pacific Market Sales Volume by Company 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Company 2011-2017  
Table Asia-Pacific Price by Company 2011-2017  
Table North America Market Sales Revenue by Company 2011-2017  
Table North America Market Sales Revenue Share by Company 2011-2017  
Table North America Market Sales Volume by Company 2011-2017  
Table North America Market Sales Volume Share by Company 2011-2017  
Table North America Price by Company 2011-2017  
Table Europe Market Sales Revenue by Company 2011-2017  
Table Europe Market Sales Revenue Share by Company 2011-2017  
Table Europe Market Sales Volume by Company 2011-2017  
Table Europe Market Sales Volume Share by Company 2011-2017  
Table Europe Price by Company 2011-2017  
Table South America Market Sales Revenue by Company 2011-2017  
Table South America Market Sales Revenue Share by Company 2011-2017  
Table South America Market Sales Volume by Company 2011-2017  
Table South America Market Sales Volume Share by Company 2011-2017  
Table South America Price by Company 2011-2017  
Table Middle East & Africa Market Sales Revenue by Company 2011-2017  
Table Middle East & Africa Market Sales Revenue Share by Company 2011-2017  
Table Middle East & Africa Market Sales Volume by Company 2011-2017  
Table Middle East & Africa Market Sales Volume Share by Company 2011-2017  
Table Middle East & Africa Price by Company 2011-2017  
Table Global Market Sales Revenue by Type 2011-2017  
Table Global Market Sales Revenue Share by Type 2011-2017  
Table Global Market Sales Volume by Type 2011-2017  
Table Global Market Sales Volume Share by Type 2011-2017  
Table Global Price by Type 2011-2017



Table Asia-Pacific Market Sales Revenue by Type 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Type 2011-2017  
Table Asia-Pacific Market Sales Volume by Type 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Type 2011-2017  
Table Asia-Pacific Price by Type 2011-2017  
Table North America Market Sales Revenue by Type 2011-2017  
Table North America Market Sales Revenue Share by Type 2011-2017  
Table North America Market Sales Volume by Type 2011-2017  
Table North America Market Sales Volume Share by Type 2011-2017  
Table North America Price by Type 2011-2017  
Table Europe Market Sales Revenue by Type 2011-2017  
Table Europe Market Sales Revenue Share by Type 2011-2017  
Table Europe Market Sales Volume by Type 2011-2017  
Table Europe Market Sales Volume Share by Type 2011-2017  
Table Europe Price by Type 2011-2017  
Table South America Market Sales Revenue by Type 2011-2017  
Table South America Market Sales Revenue Share by Type 2011-2017  
Table South America Market Sales Volume by Type 2011-2017  
Table South America Market Sales Volume Share by Type 2011-2017  
Table South America Price by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue by Type 2011-2017  
Table Middle East & Africa Market Sales Revenue Share by Type 2011-2017  
Table Middle East & Africa Market Sales Volume by Type 2011-2017  
Table Middle East & Africa Market Sales Volume Share by Type 2011-2017  
Table Middle East & Africa Price by Type 2011-2017  
Table Global Market Sales Revenue by Application 2011-2017  
Table Global Market Sales Revenue Share by Application 2011-2017  
Table Global Market Sales Volume by Application 2011-2017  
Table Global Market Sales Volume Share by Application 2011-2017  
Table Global Price by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue by Application 2011-2017  
Table Asia-Pacific Market Sales Revenue Share by Application 2011-2017  
Table Asia-Pacific Market Sales Volume by Application 2011-2017  
Table Asia-Pacific Market Sales Volume Share by Application 2011-2017  
Table Asia-Pacific Price by Application 2011-2017  
Table North America Market Sales Revenue by Application 2011-2017  
Table North America Market Sales Revenue Share by Application 2011-2017  
Table North America Market Sales Volume by Application 2011-2017  
Table North America Market Sales Volume Share by Application 2011-2017

Table North America Price by Application 2011-2017  
Table Europe Market Sales Revenue by Application 2011-2017  
Table Europe Market Sales Revenue Share by Application 2011-2017  
Table Europe Market Sales Volume by Application 2011-2017  
Table Europe Market Sales Volume Share by Application 2011-2017  
Table Europe Price by Application 2011-2017  
Table South America Market Sales Revenue by Application 2011-2017  
Table South America Market Sales Revenue Share by Application 2011-2017  
Table South America Market Sales Volume by Application 2011-2017  
Table South America Market Sales Volume Share by Application 2011-2017  
Table South America Price by Application 2011-2017  
Table Middle East & Africa Market Sales Revenue by Application 2011-2017  
Table Middle East & Africa Market Sales Revenue Share by Application 2011-2017  
Table Middle East & Africa Market Sales Volume by Application 2011-2017  
Table Middle East & Africa Market Sales Volume Share by Application 2011-2017  
Table Middle East & Africa Price by Application 2011-2017  
Table Regional Export 2011-2017 (Value)  
Table Regional Export 2011-2017 (Volume)  
Table Regional Import 2011-2017 (Value)  
Table Regional Import 2011-2017 (Volume)  
Table Sales Revenue, Volume, Price, Cost and Margin of Carl Zeiss AG  
Table Sales Revenue, Volume, Price, Cost and Margin of Leica Microsystems  
Table Sales Revenue, Volume, Price, Cost and Margin of Nikon Corporation  
Table Sales Revenue, Volume, Price, Cost and Margin of Olympus Corporation  
Table Sales Revenue, Volume, Price, Cost and Margin of GE LifeSciences  
Table Sales Revenue, Volume, Price, Cost and Margin of Bruker Corporation  
Table Sales Revenue, Volume, Price, Cost and Margin of PicoQuant group

## List Of Figures

### LIST OF FIGURES

- Figure STED Market Size and CAGR 2011-2017 (Value)
- Figure STED Market Size and CAGR 2011-2017 (Volume)
- Figure STED Market Forecast and CAGR 2018-2025 (Value)
- Figure STED Market Forecast and CAGR 2018-2025 (Volume)
- Figure SSIM/SIM Market Size and CAGR 2011-2017 (Value)
- Figure SSIM/SIM Market Size and CAGR 2011-2017 (Volume)
- Figure SSIM/SIM Market Forecast and CAGR 2018-2025 (Value)
- Figure SSIM/SIM Market Forecast and CAGR 2018-2025 (Volume)
- Figure STORM Market Size and CAGR 2011-2017 (Value)
- Figure STORM Market Size and CAGR 2011-2017 (Volume)
- Figure STORM Market Forecast and CAGR 2018-2025 (Value)
- Figure STORM Market Forecast and CAGR 2018-2025 (Volume)
- Figure FPALM Market Size and CAGR 2011-2017 (Value)
- Figure FPALM Market Size and CAGR 2011-2017 (Volume)
- Figure FPALM Market Forecast and CAGR 2018-2025 (Value)
- Figure FPALM Market Forecast and CAGR 2018-2025 (Volume)
- Figure PALM Market Size and CAGR 2011-2017 (Value)
- Figure PALM Market Size and CAGR 2011-2017 (Volume)
- Figure PALM Market Forecast and CAGR 2018-2025 (Value)
- Figure PALM Market Forecast and CAGR 2018-2025 (Volume)
- Figure Nanotechnology Market Size and CAGR 2011-2017 (Value)
- Figure Nanotechnology Market Size and CAGR 2011-2017 (Volume)
- Figure Nanotechnology Market Forecast and CAGR 2018-2025 (Value)
- Figure Nanotechnology Market Forecast and CAGR 2018-2025 (Volume)
- Figure Life Science Market Size and CAGR 2011-2017 (Value)
- Figure Life Science Market Size and CAGR 2011-2017 (Volume)
- Figure Life Science Market Forecast and CAGR 2018-2025 (Value)
- Figure Life Science Market Forecast and CAGR 2018-2025 (Volume)
- Figure Research Labs and Academia Market Size and CAGR 2011-2017 (Value)
- Figure Research Labs and Academia Market Size and CAGR 2011-2017 (Volume)
- Figure Research Labs and Academia Market Forecast and CAGR 2018-2025 (Value)
- Figure Research Labs and Academia Market Forecast and CAGR 2018-2025 (Volume)
- Figure Semi-Conductor Market Size and CAGR 2011-2017 (Value)
- Figure Semi-Conductor Market Size and CAGR 2011-2017 (Volume)
- Figure Semi-Conductor Market Forecast and CAGR 2018-2025 (Value)

Figure Semi-Conductor Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Super-Resolution Microscope Market Size and CAGR 2011-2017 (Value)

Figure Global Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Volume)

Figure Global Super-Resolution Microscope Market Forecast and CAGR 2018-2025  
(Value)

Figure Global Super-Resolution Microscope Market Forecast and CAGR 2018-2025  
(Volume)

Figure Asia-Pacific Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Value)

Figure Asia-Pacific Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Volume)

Figure Asia-Pacific Super-Resolution Microscope Market Forecast and CAGR  
2018-2025 (Value)

Figure Asia-Pacific Super-Resolution Microscope Market Forecast and CAGR  
2018-2025 (Volume)

Figure North America Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Value)

Figure North America Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Volume)

Figure North America Super-Resolution Microscope Market Forecast and CAGR  
2018-2025 (Value)

Figure North America Super-Resolution Microscope Market Forecast and CAGR  
2018-2025 (Volume)

Figure Europe Super-Resolution Microscope Market Size and CAGR 2011-2017 (Value)

Figure Europe Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Volume)

Figure Europe Super-Resolution Microscope Market Forecast and CAGR 2018-2025  
(Value)

Figure Europe Super-Resolution Microscope Market Forecast and CAGR 2018-2025  
(Volume)

Figure South America Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Value)

Figure South America Super-Resolution Microscope Market Size and CAGR 2011-2017  
(Volume)

Figure South America Super-Resolution Microscope Market Forecast and CAGR  
2018-2025 (Value)

Figure South America Super-Resolution Microscope Market Forecast and CAGR  
2018-2025 (Volume)

Figure Middle East & Africa Super-Resolution Microscope Market Size and CAGR 2011-2017 (Value)

Figure Middle East & Africa Super-Resolution Microscope Market Size and CAGR 2011-2017 (Volume)

Figure Middle East & Africa Super-Resolution Microscope Market Forecast and CAGR 2018-2025 (Value)

Figure Middle East & Africa Super-Resolution Microscope Market Forecast and CAGR 2018-2025 (Volume)

Figure Global Market Sales Revenue Share by Company in 2017

Figure Global Market Sales Volume Share by Company in 2017

Figure Asia-Pacific Market Sales Revenue Share by Company in 2017

Figure Asia-Pacific Market Sales Volume Share by Company in 2017

Figure North America Market Sales Revenue Share by Company in 2017

Figure North America Market Sales Volume Share by Company in 2017

Figure Europe Market Sales Revenue Share by Company in 2017

Figure Europe Market Sales Volume Share by Company in 2017

Figure South America Market Sales Revenue Share by Company in 2017

Figure South America Market Sales Volume Share by Company in 2017

Figure Middle East & Africa Market Sales Revenue Share by Company in 2017

Figure Middle East & Africa Market Sales Volume Share by Company in 2017

Figure Global Market Sales Revenue Share by Type in 2017

Figure Global Market Sales Volume Share by Type in 2017

Figure Asia-Pacific Market Sales Revenue Share by Type in 2017

Figure Asia-Pacific Market Sales Volume Share by Type in 2017

Figure North America Market Sales Revenue Share by Type in 2017

Figure North America Market Sales Volume Share by Type in 2017

Figure Europe Market Sales Revenue Share by Type in 2017

Figure Europe Market Sales Volume Share by Type in 2017

Figure South America Market Sales Revenue Share by Type in 2017

Figure South America Market Sales Volume Share by Type in 2017

Figure Middle East & Africa Market Sales Revenue Share by Type in 2017

Figure Middle East & Africa Market Sales Volume Share by Type in 2017

Figure Global Market Sales Revenue Share by Application in 2017

Figure Global Market Sales Volume Share by Application in 2017

Figure Asia-Pacific Market Sales Revenue Share by Application in 2017

Figure Asia-Pacific Market Sales Volume Share by Application in 2017

Figure North America Market Sales Revenue Share by Application in 2017

Figure North America Market Sales Volume Share by Application in 2017

Figure Europe Market Sales Revenue Share by Application in 2017

Figure Europe Market Sales Volume Share by Application in 2017  
Figure South America Market Sales Revenue Share by Application in 2017  
Figure South America Market Sales Volume Share by Application in 2017  
Figure Middle East & Africa Market Sales Revenue Share by Application in 2017  
Figure Middle East & Africa Market Sales Volume Share by Application in 2017  
Figure Industry Chain Overview  
Figure Super-Resolution Microscope SWOT List  
Figure Machinery & Equipment Porter's Five Forces

## I would like to order

Product name: Global and Regional Super-Resolution Microscope Market Research Report 2017

Product link: <https://marketpublishers.com/r/GCB13F7F626EN.html>

Price: US\$ 3,500.00 (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/GCB13F7F626EN.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