

EUROPE MICROSCOPY MARKET FORECAST 2017-2025

<https://marketpublishers.com/r/EBF183FAB15EN.html>

Date: November 2017

Pages: 0

Price: US\$ 1,250.00 (Single User License)

ID: EBF183FAB15EN

Abstracts

KEY FINDINGS

The Europe microscopy market is projected to be worth \$2434 million by the end of the forecast years of 2017-2025, rising at a CAGR of 7.25%. This is a considerable increase from the year 2016, where it accounted for just \$1313 million.

MARKET INSIGHTS

The European market utilizes microscopy for the extensive scientific research which goes about in the country. Microscopy finds its application in pathological testing, drug manufacturing, and research. The presence of top pharmaceutical companies in the region provides an added benefit to this market. The United Kingdom market accounted for the highest share in 2016. However, it is Germany, which is growing at the highest CAGR of 7.81% for the forecast period. The country is a medical tourism hub, and its market is driven by the supportive government norms and policies. The rest of Europe market which includes Austria, Russia, and other regions is also expected to exhibit a steady growth due to the growing research work in the field of biotechnology and nanotechnology.

COMPETITIVE INSIGHTS

Bayer Ag, GE Healthcare, Bruker Corporation, Nikon Corporation, Agilent Technologies, Danaher Corp, Thermo Fisher Scientific Inc, Oxford Instruments, Olympus Corporation, Danish Micro Engineering (Acquired by Semilab ZRT), Jeol Ltd, JPK Instruments Ag, and Carl Zeiss Ag are some of the important companies in this market.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
 - 3.2.1. TECHNOLOGICAL DEVELOPMENT
 - 3.2.2. DEVELOPMENT OF HYBRID MICROSCOPES

4. MARKET DYNAMICS

- 4.1. MARKET DEFINITION
- 4.2. DRIVERS
 - 4.2.1. INCREASING PUBLIC AND PRIVATE INVESTMENTS IN R&D
 - 4.2.2. RISING APPLICATIONS IN NANOTECHNOLOGY
 - 4.2.3. DEVELOPMENT OF NOVEL MICROSCOPIC TECHNOLOGY
 - 4.2.4. USE OF MICROSCOPES IN BIOTECHNOLOGY
- 4.3. RESTRAINTS
 - 4.3.1. HIGH COST OF EQUIPMENTS
 - 4.3.2. LIMITATIONS OF ADVANCED MICROSCOPES
- 4.4. OPPORTUNITIES
 - 4.4.1. EMERGING APPLICATIONS OF MICROSCOPES

- 4.4.2. INNOVATIONS IN DIGITAL IMAGING TECHNOLOGY
- 4.5. CHALLENGES
 - 4.5.1. LACK OF SKILLED PERSONNEL
 - 4.5.2. FRAGILITY OF BIOLOGICAL SAMPLES
 - 4.5.3. RELUCTANCE OF CUSTOMERS TO UPGRADE EQUIPMENT

5. MARKET BY TYPE

- 5.1. ELECTRON MICROSCOPES
 - 5.1.1. TRANSMISSION ELECTRON MICROSCOPES
 - 5.1.2. SCANNING ELECTRON MICROSCOPES
- 5.2. OPTICAL MICROSCOPES
 - 5.2.1. FLUORESCENCE MICROSCOPES
 - 5.2.1.1. TOTAL INTERNAL REFLECTION FLUORESCENCE MICROSCOPE (TIRFM)
 - 5.2.1.2. FLUORESCENCE RESONANCE ENERGY TRANSFER MICROSCOPE (FRET)
 - 5.2.1.3. FLUORESCENCE RECOVERY AFTER PHOTO-BLEACHING MICROSCOPE (FRAP)
 - 5.2.1.4. FLUORESCENCE-LIFETIME IMAGING MICROSCOPE (FLIM)
 - 5.2.2. SUPER RESOLUTION MICROSCOPES
 - 5.2.2.1. STOCHASTIC OPTICAL RECONSTRUCTION MICROSCOPE (STORM)
 - 5.2.2.2. STRUCTURED ILLUMINATION MICROSCOPY
 - 5.2.2.3. STIMULATED EMISSION DEPLETION MICROSCOPE (STED)
 - 5.2.2.4. PHOTO-ACTIVATED LOCALIZATION MICROSCOPE (PALM)
 - 5.2.2.5. REVERSIBLE SATURABLE OPTICAL FLUORESCENCE TRANSITIONS MICROSCOPE (RESOLFT)
 - 5.2.2.6. COHERENT ANTI-STROKES RAMAN SCATTERING MICROSCOPE (CARS)
- 5.3. SCANNING PROBE MICROSCOPES (SPM)
 - 5.3.1. SCANNING TUNNELING MICROSCOPES
 - 5.3.2. ATOMIC FORCE MICROSCOPES
 - 5.3.3. NEAR-FIELD SCANNING OPTICAL MICROSCOPES
- 5.4. CONFOCAL MICROSCOPES
 - 5.4.1. SPINNING DISK CONFOCAL MICROSCOPES
 - 5.4.2. MULTI-PHOTON CONFOCAL MICROSCOPES

6. MARKET BY END-USER

- 6.1. ACADEMIC INSTITUTES
- 6.2. INDUSTRIES
- 6.3. OTHER END-USERS

7. MARKET BY APPLICATION

- 7.1. SEMICONDUCTORS
- 7.2. LIFE SCIENCE
- 7.3. NANOTECHNOLOGY
- 7.4. MATERIAL SCIENCES

8. KEY ANALYTICS

- 8.1. PORTERS 5 FORCE ANALYSIS
 - 8.1.1. THREAT OF NEW ENTRANTS
 - 8.1.2. THREAT OF SUBSTITUTE PRODUCTS
 - 8.1.3. BARGAINING POWER OF BUYERS
 - 8.1.4. BARGAINING POWER OF SUPPLIERS
 - 8.1.5. INTENSITY OF COMPETITIVE RIVALRY
- 8.2. VALUE CHAIN ANALYSIS
 - 8.2.1. R & D
 - 8.2.2. SUPPLIERS
 - 8.2.3. MANUFACTURING
 - 8.2.4. DISTRIBUTION & MARKETING
 - 8.2.5. END-USERS
- 8.3. REGULATORY FRAMEWORK
- 8.4. KEY BUYING CRITERIA
 - 8.4.1. AUTOMATED WORKFLOW
 - 8.4.2. HIGH RESOLUTION
 - 8.4.3. APPLICATION
- 8.5. INVESTMENT OUTLOOK
 - 8.5.1. REGIONAL OUTLOOK
 - 8.5.2. APPLICATION OUTLOOK
 - 8.5.3. TYPE OUTLOOK
- 8.6. VENDOR LANDSCAPE
- 8.7. OPPORTUNITY MATRIX

9. GEOGRAPHICAL ANALYSIS

- 9.1. UNITED KINGDOM
- 9.2. FRANCE
- 9.3. GERMANY
- 9.4. SPAIN
- 9.5. REST OF EUROPE

10. COMPETITIVE LANDSCAPE

- 10.1. MARKET SHARE ANALYSIS
 - 10.1.1. DANAHER CORPORATION
 - 10.1.2. CARL ZEISS AG
 - 10.1.3. THERMO FISHER LTD
 - 10.1.4. BRUKER CORPORATION
 - 10.1.5. NIKON CORPORATION
 - 10.1.6. JEOL LTD
 - 10.1.7. OLYMPUS
- 10.2. KEY WINNING STRATEGIES
- 10.3. COMPANY PROFILES
 - 10.3.1. DANAHER CORP
 - 10.3.1.1. OVERVIEW
 - 10.3.1.2. PRODUCT PORTFOLIO
 - 10.3.1.3. STRATEGIC INITIATIVE
 - 10.3.1.4. SCOT ANALYSIS
 - 10.3.1.5. STRATEGIC ANALYSIS
 - 10.3.2. CARL ZEISS AG
 - 10.3.2.1. OVERVIEW
 - 10.3.2.2. PRODUCT PORTFOLIO
 - 10.3.2.3. STRATEGIC INITIATIVE
 - 10.3.2.4. SCOT ANALYSIS
 - 10.3.2.5. STRATEGIC ANALYSIS
 - 10.3.3. THERMO FISHER SCIENTIFIC INC
 - 10.3.3.1. OVERVIEW
 - 10.3.3.2. PRODUCT PORTFOLIO
 - 10.3.3.3. STRATEGIC INITIATIVE
 - 10.3.3.4. SCOT ANALYSIS
 - 10.3.3.5. STRATEGIC ANALYSIS
 - 10.3.4. OLYMPUS CORPORATION
 - 10.3.4.1. OVERVIEW
 - 10.3.4.2. PRODUCT PORTFOLIO

- 10.3.4.3. STRATEGIC INITIATIVE
- 10.3.4.4. SCOT ANALYSIS
- 10.3.4.5. STRATEGIC ANALYSIS
- 10.3.5. BRUKER CORPORATION
 - 10.3.5.1. OVERVIEW
 - 10.3.5.2. PRODUCT PORTFOLIO
 - 10.3.5.3. STRATEGIC INITIATIVE
 - 10.3.5.4. SCOT ANALYSIS
 - 10.3.5.5. STRATEGIC ANALYSIS
- 10.3.6. NIKON CORPORATION
 - 10.3.6.1. OVERVIEW
 - 10.3.6.2. PRODUCT PORTFOLIO
 - 10.3.6.3. STRATEGIC INITIATIVE
 - 10.3.6.4. SCOT ANALYSIS
 - 10.3.6.5. STRATEGIC ANALYSIS
- 10.3.7. JEOL LTD.
 - 10.3.7.1. OVERVIEW
 - 10.3.7.2. PRODUCT PORTFOLIO
 - 10.3.7.3. STRATEGIC INITIATIVE
 - 10.3.7.4. SCOT ANALYSIS
 - 10.3.7.5. STRATEGIC ANALYSIS
- 10.3.8. ALCON LABORATORIES (ACQUIRED BY NOVARTIS)
 - 10.3.8.1. OVERVIEW
 - 10.3.8.2. PRODUCT PORTFOLIO
 - 10.3.8.3. STRATEGIC INITIATIVE
 - 10.3.8.4. SCOT ANALYSIS
 - 10.3.8.5. STRATEGIC ANALYSIS
- 10.3.9. DANISH MICRO ENGINEERING (ACQUIRED BY SEMILAB ZRT)
 - 10.3.9.1. OVERVIEW
 - 10.3.9.2. PRODUCT PORTFOLIO
 - 10.3.9.3. STRATEGIC INITIATIVE
 - 10.3.9.4. SCOT ANALYSIS
 - 10.3.9.5. STRATEGIC ANALYSIS
- 10.3.10. JPK INSTRUMENTS AG
 - 10.3.10.1. OVERVIEW
 - 10.3.10.2. PRODUCT PORTFOLIO
 - 10.3.10.3. STRATEGIC INITIATIVE
 - 10.3.10.4. SCOT ANALYSIS
 - 10.3.10.5. STRATEGIC ANALYSIS

- 10.3.11. BAYER AG
 - 10.3.11.1. OVERVIEW
 - 10.3.11.2. PRODUCT PORTFOLIO
 - 10.3.11.3. STRATEGIC INITIATIVE
 - 10.3.11.4. SCOT ANALYSIS
 - 10.3.11.5. STRATEGIC ANALYSIS
- 10.3.12. OXFORD INSTRUMENTS
 - 10.3.12.1. OVERVIEW
 - 10.3.12.2. PRODUCT PORTFOLIO
 - 10.3.12.3. STRATEGIC INITIATIVE
 - 10.3.12.4. SCOT ANALYSIS
 - 10.3.12.5. STRATEGIC ANALYSIS
- 10.3.13. GE HEALTHCARE
 - 10.3.13.1. OVERVIEW
 - 10.3.13.2. PRODUCT PORTFOLIO
 - 10.3.13.3. STRATEGIC INITIATIVE
 - 10.3.13.4. SCOT ANALYSIS
 - 10.3.13.5. STRATEGIC ANALYSIS
- 10.3.14. HITACHI
 - 10.3.14.1. OVERVIEW
 - 10.3.14.2. PRODUCT PORTFOLIO
 - 10.3.14.3. STRATEGIC INITIATIVE
 - 10.3.14.4. SCOT ANALYSIS
 - 10.3.14.5. STRATEGIC ANALYSIS
- 10.3.15. AGILENT TECHNOLOGIES
 - 10.3.15.1. OVERVIEW
 - 10.3.15.2. PRODUCT PORTFOLIO
 - 10.3.15.3. SCOT ANALYSIS
 - 10.3.15.4. STRATEGIC ANALYSIS

List Of Tables

LIST OF TABLES

Table 1 EUROPE MICROSCOPY MARKET BY COUNTRY 2017-2025 (\$ MILLION)

Table 2 COST OF VARIOUS ADVANCED MICROSCOPES

Table 3 COMPARISON OF QUANTUM DOTS AND ORGANIC FLUOROCHROMES

Table 4 EUROPE MICROSCOPY MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 5 EUROPE ELECTRON MICROSCOPES MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 6 EUROPE OPTICAL MICROSCOPE MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 7 EUROPE FLUORESCENCE MICROSCOPES MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 8 EUROPE SUPER RESOLUTION MICROSCOPES MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 9 EUROPE SCANNING PROBE MICROSCOPES MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 10 EUROPE CONFOCAL MICROSCOPES MARKET BY TYPE 2017-2025 (\$ MILLION)

Table 11 EUROPE MICROSCOPY MARKET BY END-USERS 2017-2025 (\$ MILLION)

Table 12 EUROPE MICROSCOPY MARKET BY APPLICATION 2017-2025 (\$ MILLION)

Table 13 EUROPE MICROSCOPY MARKET BY COUNTRY 2017-2025 (\$ MILLION)

List Of Figures

LIST OF FIGURES

Figure 1 EUROPE MICROSCOPY MARKET BY TYPE 2017-2025 (\$ MILLION)

Figure 2 DEVELOPMENTAL TIMELINE

Figure 3 EUROPE ELECTRON MICROSCOPES MARKET 2017-2025 (\$ MILLION)

Figure 4 EUROPE TRANSMISSION ELECTRON MICROSCOPES MARKET
2017-2025 (\$ MILLION)

Figure 5 EUROPE SCANNING ELECTRON MICROSCOPES MARKET 2017-2025 (\$
MILLION)

Figure 6 EUROPE OPTICAL MICROSCOPE MARKET 2017-2025 (\$ MILLION)

Figure 7 EUROPE FLUORESCENCE MICROSCOPES MARKET 2017-2025 (\$
MILLION)

Figure 8 EUROPE TOTAL INTERNAL REFLECTION FLUORESCENCE
MICROSCOPE MARKET 2017-2025 (\$ MILLION)

Figure 9 EUROPE FLUORESCENCE RESONANCE ENERGY TRANSFER MARKET
2017-2025 (\$ MILLION)

Figure 10 EUROPE FLUORESCENCE RECOVERY AFTER PHOTO-BLEACHING
MICROSCOPE MARKET 2017-2025 (\$ MILLION)

Figure 11 EUROPE FLUORESCENCE-LIFETIME IMAGING MICROSCOPE MARKET
2017-2025 (\$ MILLION)

Figure 12 EUROPE SUPER RESOLUTION MICROSCOPES MARKET 2017-2025 (\$
MILLION)

Figure 13 EUROPE STOCHASTIC OPTICAL RECONSTRUCTION MICROSCOPE
MARKET 2017-2025 (\$ MILLION)

Figure 14 EUROPE STRUCTURED ILLUMINATION MICROSCOPY MARKET
2017-2025 (\$ MILLION)

Figure 15 EUROPE STIMULATED EMISSION DEPLETION MICROSCOPE MARKET
2017-2025 (\$ MILLION)

Figure 16 EUROPE PHOTO-ACTIVATED LOCALIZATION MICROSCOPE MARKET
2017-2025 (\$ MILLION)

Figure 17 EUROPE REVERSIBLE SATURABLE OPTICAL FLUORESCENCE
TRANSITIONS MICROSCOPE MARKET 2017-2025 (\$ MILLION)

Figure 18 EUROPE COHERENT ANTI-STROKES RAMAN SCATTERING
MICROSCOPE MARKET 2017-2025 (\$ MILLION)

Figure 19 EUROPE SCANNING PROBE MICROSCOPES MARKET 2017-2025 (\$
MILLION)

Figure 20 EUROPE SCANNING TUNNELING MICROSCOPE MARKET 2017-2025 (\$

MILLION)

Figure 21 EUROPE ATOMIC FORCE MICROSCOPES MARKET 2017-2025 (\$ MILLION)

Figure 22 EUROPE NEAR-FIELD SCANNING OPTICAL MICROSCOPES MARKET 2017-2025 (\$ MILLION)

Figure 23 EUROPE CONFOCAL MICROSCOPES MARKET 2017-2025 (\$ MILLION)

Figure 24 EUROPE SPINNING DISK CONFOCAL MICROSCOPE MARKET 2017-2025 (\$ MILLION)

Figure 25 EUROPE MULTI-PHOTON CONFOCAL MICROSCOPES MARKET 2017-2025 (\$ MILLION)

Figure 26 EUROPE ACADEMIC INSTITUTES MARKET 2017-2025 (\$ MILLION)

Figure 27 EUROPE INDUSTRIES MARKET 2017-2025 (\$ MILLION)

Figure 28 EUROPE OTHER END-USERS MARKET 2017-2025 (\$ MILLION)

Figure 29 EUROPE SEMICONDUCTORS MARKET 2017-2025 (\$ MILLION)

Figure 30 EUROPE LIFE SCIENCES MARKET 2017-2025 (\$ MILLION)

Figure 31 EUROPE NANOTECHNOLOGY MARKET 2017-2025 (\$ MILLION)

Figure 32 EUROPE MATERIAL SCIENCES MARKET 2017-2025 (\$ MILLION)

Figure 33 INVESTMENT PROPOSITION FOR MICROSCOPY MARKET BY COUNTRY

Figure 34 INVESTMENT PROPOSITION FOR MICROSCOPY MARKET BY APPLICATION

Figure 35 INVESTMENT PROPOSITION FOR MICROSCOPY MARKET BY TYPE

Figure 36 UK MICROSCOPY MARKET 2017-2025 (\$ MILLION)

Figure 37 FRANCE MICROSCOPY MARKET 2017-2025 (\$ MILLION)

Figure 38 GERMANY MICROSCOPY MARKET 2017-2025 (\$ MILLION)

Figure 39 SPAIN MICROSCOPY MARKET 2017-2025 (\$ MILLION)

Figure 40 REST OF EUROPE MICROSCOPY MARKET 2017-2025 (\$ MILLION)

I would like to order

Product name: EUROPE MICROSCOPY MARKET FORECAST 2017-2025

Product link: <https://marketpublishers.com/r/EBF183FAB15EN.html>

Price: US\$ 1,250.00 (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/EBF183FAB15EN.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