Global microscopes market is expected to reach USD 9.54 billion by 2020. Growing government and private initiatives aimed at funding R&D catering to emerging application areas such as nanotechnology and semiconductors are expected to drive microscopes market demand. Increasing usage rates of high resolution microscopes in manufacturing miniature transistor chips and quantum dots and presence of untapped opportunities in the emerging Asia Pacific and Latin American markets are expected to serve this market as future growth opportunities.

Life sciences applications dominated the market in 2013, accounting for over 30.0% of total demand. Growing use of microscopes for drug discovery and development, tissue diagnosis and to understand microstructure of tissues and cells are some factors driving microscopes market demand for these applications.

Further key findings from the study suggest:

- Optical microscopes accounted for over 40% of the total microscopes market in 2013, majorly owing to their high penetration rates. In addition, these microscopes are relatively cost effective and therefore, hold higher usage rates in small and medium size laboratories with limited R&D budgets.
- Electron microscopes are expected to be the most attractive product segment for this market. Growing demand for scanning electron microscopes in application areas such as life sciences, material sciences and nanotechnology owing to high resolution images rendered by these devices is expected to drive electron microscopes market growth over the forecast period.
- Nanotechnology is the fastest growing application segment for the microscopes market. Key drivers of this segment include growing demand for high resolution microscopes in nanotechnology based R&D and the extensive presence of public and private initiatives aimed at funding the development of miniaturized devices and unique nanostructures.
- Asia Pacific led the market in terms of revenue in 2013. Rapid industrialization rate and extensive public funding programs in the emerging markets of China and India is expected to drive market growth over the forecast period. Rapidly growing demand for semiconductors and increasing number of manufacturing units in these countries is also expected to boost market demand over the next six years.
- Some key players of the microscopes market include Leica Microsystems, Hitachi High Technologies Corporation, FEI Company, Carl Zeiss, Olympus Corporation, CAMECA SAS, Danish Micro Engineering, Bruker Corporation and NT-MDT Company
- New product development via segment specific R&D spending and strategic collaborations with universities and research laboratories are some key sustainability strategies adopted by industry participants.

For the purpose of this study, the report has segmented the global microscopes market on the basis of product, application and region:
Microscopes Application Outlook (Revenue, USD Million, 2012 - 2020)

- Material Sciences
- Nanotechnology
- Life Sciences
- Semiconductors
- Others

Microscopes Regional Outlook (Revenue, USD Million, 2012 - 2020)

- North America
- Europe
- Asia Pacific
- RoW

Contents:

Chapter 1. Executive Summary

Chapter 2. Microscopes Industry Outlook
2.1. Market Segmentation
2.2. Market Size and Growth Prospects
2.3. Microscopes - Market dynamics
  2.3.1. Market Driver Analysis
  2.3.2. Market Restraint Analysis
2.4. Key Opportunities Prioritized
2.5. Microscopes - PESTEL Analysis
2.6. Microscopes company market share analysis, 2013
  2.6.1. Optical microscopes company market share analysis, 2013
  2.6.2. Electron microscopes company market share analysis, 2013

Chapter 3. Microscopes Product Outlook
3.1. Microscopes Revenue Share by Product, 2013 & 2020
  3.1.1. Optical Microscopes Revenue Estimates and Forecasts, 2012 - 2020
    3.1.1.1. Inverted Microscopes Market Estimates and Forecasts, 2012 - 2020
    3.1.1.2. Stereomicroscope Market Estimates and Forecasts, 2012 - 2020
    3.1.1.3. Phase Contrast Microscopes Market Estimates and Forecasts, 2012 - 2020
    3.1.1.7. Others Market Estimates and Forecasts, 2012 - 2020
  3.1.2. Electron Microscopes Revenue Estimates, 2012 - 2020
    3.1.2.3. Others Market Estimates and Forecasts, 2012 - 2020

Chapter 4. Microscopes Application Outlook
4.1. Microscopes Revenue Share by Application, 2013 & 2020
  4.1.3. Life Sciences Market Estimates and Forecasts, 2012 - 2020
  4.1.5. Other Applications Market Estimates and Forecasts, 2012 - 2020

Chapter 5. Microscopes Regional Outlook
5.1. Microscopes Revenue Share by Region, 2013 & 2020
  5.1.1. North America
  5.1.2. Europe
    5.1.2.2. Market Estimates and Forecasts, by Application, 2012 - 2020
  5.1.3. Asia Pacific
    5.1.3.1. Market Estimates and Forecasts, by Product, 2012 - 2020
    5.1.3.2. Market Estimates and Forecasts, by Application, 2012 - 2020
  5.1.4. RoW
5.4. Asia Pacific
5.4.2. Market Estimates and Forecasts, by Application, 2012 - 2020
5.5. RoW
5.5.1. Market Estimates and Forecasts, by Product, 2012 - 2020
5.5.2. Market Estimates and Forecasts, by Application, 2012 - 2020

Chapter 6. Competitive Landscape
6.1 Cameca SAS
6.1.1 Company Overview
6.1.2 Financial Performance
6.1.3 Product Benchmarking
6.1.4 Strategic Initiatives
6.2 Leica Microsystems
6.2.1 Company Overview
6.2.2 Financial Performance
6.2.3 Product Benchmarking
6.2.4 Strategic Initiatives
6.3 Hitachi High Technologies Corporation
6.3.1 Company Overview
6.3.2 Financial Performance
6.3.3 Product Benchmarking
6.3.4 Strategic Initiatives
6.4 FEI Company
6.4.1 Company Overview
6.4.2 Financial Performance
6.4.3 Product Benchmarking
6.4.4 Strategic Initiatives
6.5 Carl Zeiss
6.5.1 Company Overview
6.5.2 Financial Performance
6.5.3 Product Benchmarking
6.5.4 Strategic Initiatives
6.6 Nikon Corporation
6.6.1 Company Overview
6.6.2 Financial Performance
6.6.3 Product Benchmarking
6.6.4 Strategic Initiatives
6.7 Olympus Corporation
6.7.1 Company Overview
6.7.2 Financial Performance
6.7.3 Product Benchmarking
6.7.4 Strategic Initiatives
6.8 Danish Micro Engineering
6.8.1 Company Overview
6.8.2 Financial Performance
6.8.3 Product Benchmarking
6.8.4 Strategic Initiatives
6.9 Bruker Corporation
6.9.1 Company Overview
6.9.2 Financial Performance
6.9.3 Product Benchmarking
6.9.4 Strategic Initiatives

Chapter 7. Methodology and Scope
7.1. Research Methodology
7.2. Research Scope & Assumptions
7.3. List of Data Sources
List of Tables:
1. Microscopes - Industry summary & Critical Success Factors (CSFs)
5. Microscopes Market - Key market driver analysis
6. Microscopes - Key market restraint analysis
11. Europe Microscopes Market, by Product, 2012 - 2020 (USD Million)
15. Asia Pacific Microscopes Market, by Product, 2012 - 2020 (USD Million)
17. Asia Pacific Optical Microscopes Market, by Product, 2012 - 2020 (USD Million)
18. Asia Pacific Microscopes Market, by Application, 2012 - 2020 (USD Million)
22. RoW Microscopes Market, by Application, 2012 - 2020 (USD Million)

List of Figures:
1. Microscopes: Market Segmentation
2. Global microscopes market, 2012 - 2020 (USD Million)
3. Microscopes Market Dynamics
4. Key Opportunities Prioritized
5. Microscopes Market - Porter's Analysis
6. Microscopes Market - PESTEL Analysis
7. Optical microscopes company market share analysis, 2013
8. Electron microscopes company market share analysis, 2013
9. Microscopes revenue share by product, 2013 & 2020
10. Global optical microscopes market, 2012 - 2020 (USD Million)
15. Global confocal scanning microscopes market, 2012 - 2020 (USD Million)
17. Global other optical microscopes market, 2012 - 2020 (USD Million)
18. Global electron microscopes market, 2012 - 2020 (USD Million)
20. Global scanning electron microscopes market, 2012 - 2020 (USD Million)
22. Global other microscopes market, 2012 - 2020 (USD Million)
23. Microscopes revenue share by application, 2013 & 2020
24. Global microscopes for material sciences market, 2012 - 2020 (USD Million)
25. Global microscopes for nanotechnology market, 2012 - 2020 (USD Million)
27. Global microscopes for semiconductors market, 2012 - 2020 (USD Million)
28. Global microscopes for other applications market, 2012 - 2020 (USD Million)
29. Microscopes revenue share by region, 2013 & 2020
31. Europe microscopes market, 2012 - 2020 (USD Million)
32. Asia Pacific microscopes market, 2012 - 2020 (USD Million)
33. RoW Microscopes Market, 2012 - 2020 (USD Million)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Microscopes Market Analysis by Product (Optical, Scanning Probe, Electron), by Application (Nanotechnology, Life Sciences, Semiconductors, Material Sciences) and Segment Forecasts to 2020
Web Address: http://www.researchandmarkets.com/reports/3292580/
Office Code: SC6I71BV

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4700</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 7500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 9500</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr □ Mrs □ Dr □ Miss □ Ms □ Prof □
First Name: ____________________________________________ Last Name: ____________________________________________
Email Address: * ____________________________________________
Job Title: ____________________________________________
Organisation: ____________________________________________
Address: ____________________________________________
City: ____________________________________________
Postal / Zip Code: ____________________________________________
Country: ____________________________________________
Phone Number: ____________________________________________
Fax Number: ____________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp