

MARKET REPORT



Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

BioPortfolio
Life Science Healthcare and
Pharmaceutical
Market Research and
Corporate Data



Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

BioPortfolio has been marketing business and market research reports from selected publishers for over fifteen years. BioPortfolio offers a personal service to our customers with dedicated research managers who will work with you to source the best report for your needs. Based in the UK, BioPortfolio is well positioned to coordinate our customers' orders sourced from over 50 global report publishers.

We are pleased to present details of this report to assist your buying decision and administrative process. You will find easy-to-use *How To Buy* information on the last page of this document.

We look forward to being of service to you.

If you have bulk and/or recurring requirements, please get in touch - we can liaise with publishers to obtain sample pages and negotiate discounts on your behalf.

Phone: +44 (0)1300 321501 or **Email:** reportstore@bioportfolio.com

Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

Over the past five years, the microfluidics market has witnessed tremendous growth primarily due to rising demand for point-of-care (POC) testing, increasing use of miniaturized microfluidic chips to achieve faster testing and improved portability, and increased prevalence of age-related and lifestyle diseases and disorders.

The global microfluidics market is expected to grow at a significant CAGR of around 19% during the forecast period (2015 to 2020). The market is mainly driven by the rising geriatric population, growing Asian healthcare market, and upsurge in government and corporate funding for R&D. However, lack of adequate healthcare and research infrastructure in emerging markets, dearth of skilled professionals in clinical laboratories, and high prices of integrated instruments and microfluidics chips are hampering the growth of this market to a certain extent.

In this report, the global microfluidics market is segmented on the basis of materials and applications. On the basis of applications, the microfluidics market is divided into pharmaceutical research, in vitro diagnostics, and drug delivery. The pharmaceutical research segment is further divided into lab analytics (cell-based assays, proteomic analysis, genomic analysis, and capillary electrophoresis), dispensing, and microreaction. The in vitro diagnostics segment is categorized into clinical diagnostics, point-of-care testing, environmental testing, industrial testing, and agro food testing. The drug delivery segment is subsegmented into inhalers, microneedles, and micropumps. On the basis of materials, the microfluidics market is divided into polymer-based microfluidics, glass-based microfluidics, silicon-based microfluidics, and other material-based microfluidics. In addition, country-wise segmentation of each region (North America, Europe, Asia-Pacific, and the Rest of the World) is also provided in the report.

The in vitro diagnostics application segment accounted for a major share of the microfluidics market. This market is primarily driven by the rising demand for point-of-care testing, rising incidences of lifestyle disorders and diseases, growing geriatric population, and rapidly improving healthcare infrastructure in Asian countries.

In 2014, North America accounted for the largest share to the global microfluidics market, followed by Europe, Asia-Pacific, and RoW. However, Asia-Pacific is expected to be the fastest-growing region during the forecast period owing to the rapidly aging population, increased accessibility to healthcare facilities, and rising R&D and healthcare expenditure.

The global microfluidics market is highly fragmented; some of the major players in this market are Danaher Corporation (U.S.), Thermo Fisher Scientific, Inc. (U.S.), Becton, Dickinson and Company (U.S.), Agilent Technologies, Inc. (U.S.), Bio-Rad Laboratories, Inc. (U.S.), and PerkinElmer, Inc. (U.S.).

Reasons to Buy the Report

The report will enrich established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn would help them to garner a greater market share. Firms purchasing the report could use one or a combination of the below-mentioned five strategies (market penetration, product development/innovation,

market development, market diversification, and competitive assessment) for reaping a greater market share.

This report provides insights on the following pointers:

- **Market Penetration:** Comprehensive information on the product portfolios offered by the top players in the microfluidics market. The report analyzes the microfluidics market by material and application across all regions
- **Product Development/Innovation:** Detailed insights on upcoming trends, research and development activities, and new product launches in the microfluidics market
- **Market Development:** Comprehensive information on the lucrative emerging markets by material, application, and region
- **Market Diversification:** Exhaustive information of new products, growing regions, recent developments, and investments in the microfluidics market
- **Competitive Assessment:** In-depth assessment of market shares, growth strategies, products, distribution networks, manufacturing capabilities, and SWOT analyses of the leading players in the microfluidics market

Additional Details

Publisher : MarketsandMarkets

Reference : BT 3517

Number of Pages : 192

Report Format : PDF

Publisher Information :



BioPortfolio
Life Science Healthcare and
Pharmaceutical
Market Research and
Corporate Data

**Best Prices
Guaranteed**

bioportfolio.co.uk

MARKETSANDMARKETS

BioPortfolio
Life Science Healthcare and Pharmaceutical
Global Market Research and Corporate Data

Table Of Contents for Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

- TABLE OF CONTENTS1 INTRODUCTION 181.1 OBJECTIVES OF THE STUDY 181.2 MARKET DEFINITION 181.3 MARKET SCOPE 181.3.1 MARKETS COVERED 191.3.2 YEARS CONSIDERED FOR THE STUDY 191.4 CURRENCY AND PRICING 191.5 STAKEHOLDERS 202 RESEARCH METHODOLOGY 212.1 RESEARCH APPROACH 212.2 MARKET SIZE ESTIMATION 232.3 MARKET BREAKDOWN AND DATA TRIANGULATION 252.4 MARKET SHARE ESTIMATION 262.4.1 KEY DATA FROM SECONDARY SOURCES 262.4.2 KEY DATA FROM PRIMARY SOURCES 272.4.3 KEY INDUSTRY INSIGHTS 282.5 ASSUMPTIONS FOR THE STUDY 293 EXECUTIVE SUMMARY 304 PREMIUM INSIGHTS 354.1 MICROFLUIDICS MARKET OVERVIEW 354.2 ASIA-PACIFIC MICROFLUIDICS MARKET, BY MATERIAL 364.3 MICROFLUIDICS MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES 374.4 MICROFLUIDICS MARKET: GEOGRAPHIC MIX 384.5 MICROFLUIDICS MARKET: DEVELOPING VS. DEVELOPED COUNTRIES 395 MARKET OVERVIEW 405.1 INTRODUCTION 415.2 MARKET SEGMENTATION 415.2.1 BY MATERIAL 415.2.2 BY APPLICATION 415.3 KEY MARKET DYNAMICS 425.3.1 MARKET DRIVERS 435.3.1.1 Rising demand for point-of-care (POC) testing 435.3.1.2 Faster returns on investment 445.3.1.3 Faster testing and improved portability through microfluidic chip miniaturization 445.3.2 MARKET RESTRAINTS 455.3.2.1 Incorporation of microfluidics technology into existing workflows 455.3.2.2 Complex and time-consuming regulatory approval process 455.3.3 MARKET OPPORTUNITIES 465.3.3.1 Growing Asian market 465.3.3.2 Expanding applications of drug delivery technologies 475.3.4 MARKET CHALLENGES 475.3.4.1 Lack of market visibility for microfluidics products 485.3.4.2 High prices of integrated instruments and microfluidic sensors 486 INDUSTRY INSIGHTS 496.1 INTRODUCTION 496.2 VALUE CHAIN ANALYSIS 496.3 INDUSTRY TRENDS 516.3.1 SHIFTING TREND TOWARDS POLYMERS ADOPTION 526.3.2 UNIVERSITIES ACTIVELY GENERATING MICROFLUIDIC STARTUPS AND LARGE PLAYERS ACQUIRING SMALL PLAYERS 527 MICROFLUIDICS MARKET, BY MATERIAL 547.1 INTRODUCTION 557.2 POLYMER-BASED MICROFLUIDICS 577.3 GLASS-BASED MICROFLUIDICS 587.4 SILICON-BASED MICROFLUIDICS 597.5 OTHER MATERIAL-BASED MICROFLUIDICS 608 GLOBAL MICROFLUIDICS MARKET, BY APPLICATION 618.1 INTRODUCTION 628.2 IN VITRO DIAGNOSTICS 638.2.1 POINT-OF-CARE TESTING 658.2.2 CLINICAL DIAGNOSTICS 668.2.3 AGRO FOOD TESTING 678.2.4 INDUSTRIAL TESTING 688.2.5 ENVIRONMENTAL TESTING 708.3 PHARMACEUTICAL RESEARCH 718.3.1 LAB ANALYTICS 738.3.1.1 Proteomic analysis 758.3.1.2 Genomics analysis 768.3.1.3 Cell-based assays 778.3.1.4 Capillary electrophoresis 788.3.2 MICRODISPENSING 798.3.3 MICROREACTION 808.4 DRUG DELIVERY 828.4.1 INHALERS 848.4.2 MICROPUMPS 858.4.3 MICRONEEDLES 869 GLOBAL MICROFLUIDICS MARKET, BY REGION 879.1 INTRODUCTION 889.2 NORTH AMERICA 909.2.1 U.S. 959.2.2 CANADA 989.3 EUROPE 1029.3.1 GERMANY 1069.3.2 FRANCE 1099.3.3 U.K. 1129.3.4 ITALY 1159.3.5 SPAIN 1189.3.6 REST OF EUROPE 1229.4 ASIA-PACIFIC 1259.4.1 JAPAN 1309.4.2 CHINA 1339.4.3 INDIA 1369.4.4 REST OF ASIA-PACIFIC 1399.5 REST OF THE WORLD (ROW) 1439.5.1 LATIN AMERICA 1469.5.2 MIDDLE EAST AND AFRICA 14910 COMPETITIVE LANDSCAPE 15310.1 OVERVIEW 15310.2 COMPETITIVE SITUATIONS AND TRENDS 15410.2.1 NEW PRODUCT LAUNCHES 15410.2.2 AGREEMENTS, PARTNERSHIPS, AND COLLABORATIONS 15510.2.3 EXPANSIONS 15610.2.4 MERGERS AND ACQUISITIONS 15611 COMPANY PROFILES 15811.1 INTRODUCTION 15811.2 THERMO FISHER SCIENTIFIC, INC. 15911.2.1 BUSINESS OVERVIEW 15911.2.2 PRODUCT OFFERINGS 16011.2.3 RECENT DEVELOPMENTS 16011.2.4 MNM VIEW 16011.3 BECTON, DICKINSON AND COMPANY 16111.3.1 BUSINESS OVERVIEW 16111.3.2 PRODUCT OFFERINGS 16211.3.3 RECENT DEVELOPMENTS 16211.3.4 MNM VIEW 16211.4 BIO-RAD LABORATORIES, INC. 16311.4.1 BUSINESS OVERVIEW 16311.4.2 PRODUCT OFFERINGS 16411.4.3 RECENT DEVELOPMENTS 16411.4.4 MNM VIEW 16411.5 PERKINELMER, INC. 16511.5.1 BUSINESS OVERVIEW 16511.5.2 PRODUCT OFFERINGS 16611.5.3 RECENT DEVELOPMENTS 16611.5.4 MNM VIEW 16711.6 AGILENT TECHNOLOGIES, INC. 16811.6.1 BUSINESS OVERVIEW 16811.6.2 PRODUCT OFFERINGS 16911.6.3 RECENT DEVELOPMENTS 16911.6.4 MNM VIEW 17011.7 DANAHER CORPORATION 17111.7.1 BUSINESS OVERVIEW 17111.7.2 PRODUCT

OFFERINGS 17211.7.3 RECENT DEVELOPMENTS 17211.8 CEPHEID INC. 17311.8.1 BUSINESS OVERVIEW
17311.8.2 PRODUCT OFFERINGS 17411.8.3 RECENT DEVELOPMENTS 17411.9 FLUIDIGM CORPORATION
17511.9.1 BUSINESS OVERVIEW 17511.9.2 PRODUCT OFFERINGS 17611.9.3 RECENT DEVELOPMENTS
17611.10 ROCHE DIAGNOSTICS LTD. 17711.10.1 BUSINESS OVERVIEW 17711.10.2 PRODUCT OFFERINGS
17711.10.3 RECENT DEVELOPMENTS 17811.11 ILLUMINA, INC. 17911.11.1 BUSINESS OVERVIEW 17911.11.2
PRODUCT OFFERINGS 18011.11.3 RECENT DEVELOPMENTS 18012 APPENDIX 18112.1 INSIGHTS OF INDUSTRY
EXPERTS 18112.2 DISCUSSION GUIDE 18212.3 ADDITIONAL DEVELOPMENTS, 2012-2015 18612.4 AVAILABLE
CUSTOMIZATIONS 18812.5 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE 18912.6 RELATED REPORTS
191

List Of Tables in Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

LIST OF TABLES

TABLE 1 RISING DEMAND FOR POINT-OF-CARE TESTING TO FUEL THE GROWTH OF THE MICROFLUIDICS MARKET 43

TABLE 2 CHALLENGES IN INCORPORATING MICROFLUIDICS TECHNOLOGY INTO EXISTING WORKFLOWS HINDERING THE GROWTH OF MICROFLUIDICS MARKET 45

TABLE 3 GROWING ASIAN MARKET TO EXPECTED TO PROVIDE SIGNIFICANT GROWTH OPPORTUNITY FOR THE GROWTH OF MICROFLUIDICS MARKET 46

TABLE 4 LACK OF MARKET VISIBILITY FOR MICROFLUIDICS PRODUCTS PRESENT A MAJOR CHALLENGE FOR THE GROWTH OF MICROFLUIDICS MARKET 47

TABLE 5 LIST OF UNIVERSITY STARTUPS IN THE MICROFLUIDICS MARKET 52

TABLE 6 LIST OF ACQUISITIONS IN THE MICROFLUIDICS MARKET 53

TABLE 7 GLOBAL MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 56

TABLE 8 GLOBAL MICROFLUIDICS MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION) 56

TABLE 9 GLOBAL POLYMER-BASED MICROFLUIDICS MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION) 57

TABLE 10 GLOBAL GLASS-BASED MICROFLUIDICS MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION) 58

TABLE 11 GLOBAL SILICON-BASED MICROFLUIDICS MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION) 59

TABLE 12 GLOBAL OTHER MATERIAL-BASED MICROFLUIDICS MARKET SIZE, BY COUNTRY, 2013–2020 (\$MILLION) 60

TABLE 13 GLOBAL MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 63

TABLE 14 GLOBAL MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013–2020 (\$MILLION) 64

TABLE 15 GLOBAL MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY COUNTRY, 2013–2020 (\$MILLION) 64

TABLE 16 GLOBAL MICROFLUIDICS MARKET SIZE FOR POINT-OF-CARE TESTING APPLICATION, BY COUNTRY, <https://www.bioportfolio.co.uk/product/41657>
reportstore@bioportfolio.com to order

2013-2020 (\$MILLION) 66

TABLE 17 GLOBAL MICROFLUIDICS MARKET SIZE FOR CLINICAL DIAGNOSTICS APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 67

TABLE 18 GLOBAL MICROFLUIDICS MARKET SIZE FOR AGRO FOOD TESTING APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 68

TABLE 19 GLOBAL MICROFLUIDICS MARKET SIZE FOR INDUSTRIAL TESTING APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 69

TABLE 20 GLOBAL MICROFLUIDICS MARKET SIZE FOR ENVIRONMENTAL TESTING APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 70

TABLE 21 GLOBAL MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 72

TABLE 22 GLOBAL MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 72

TABLE 23 GLOBAL MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 74

TABLE 24 GLOBAL MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 74

TABLE 25 GLOBAL MICROFLUIDICS MARKET SIZE FOR PROTEOMIC ANALYSIS APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 75

TABLE 26 GLOBAL MICROFLUIDICS MARKET SIZE FOR GENOMIC ANALYSIS APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 77

TABLE 27 GLOBAL MICROFLUIDICS MARKET SIZE FOR CELL-BASED ASSAYS APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 78

TABLE 28 GLOBAL MICROFLUIDICS MARKET SIZE FOR CAPILLARY ELECTROPHORESIS APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 79

TABLE 29 GLOBAL MICROFLUIDICS MARKET SIZE FOR MICRODISPENSING APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 80

TABLE 30 GLOBAL MICROFLUIDIC MARKET SIZE FOR MICROREACTION APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 81

TABLE 31 GLOBAL MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 83

TABLE 32 GLOBAL MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY COUNTRY, 2013-2020 (\$MILLION) 83

TABLE 33 GLOBAL MICROFLUIDICS INHALERS MARKET SIZE, BY COUNTRY, 2013-2020 (\$MILLION) 84

TABLE 34 GLOBAL MICROPUMPS MARKET SIZE, BY COUNTRY, 2013-2020 (\$MILLION)	85
TABLE 35 GLOBAL MICRONEEDLES MARKET SIZE, BY COUNTRY, 2013-2020 (\$MILLION)	86
TABLE 36 GLOBAL MICROFLUIDICS MARKET SIZE, BY REGION	88
TABLE 37 NORTH AMERICA: MICROFLUIDICS MARKET SIZE, BY COUNTRY, 2013-2020 (\$MILLION)	92
TABLE 38 NORTH AMERICA: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013-2020 (\$MILLION)	92
TABLE 39 NORTH AMERICA: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)	92
TABLE 40 NORTH AMERICA: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	93
TABLE 41 NORTH AMERICA: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	93
TABLE 42 NORTH AMERICA: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	94
TABLE 43 NORTH AMERICA: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	94
TABLE 44 U.S.: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013-2020 (\$MILLION)	96
TABLE 45 U.S.: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)	96
TABLE 46 U.S.: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	96
TABLE 47 U.S.: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	97
TABLE 48 U.S.: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	97
TABLE 49 U.S.: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	98
TABLE 50 CANADA: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013-2020 (\$MILLION)	99
TABLE 51 CANADA: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)	99
TABLE 52 CANADA: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	100
TABLE 53 CANADA: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	100
TABLE 54 CANADA: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION)	101

TABLE 55 CANADA: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 101

TABLE 56 EUROPE: MICROFLUIDICS MARKET SIZE, BY COUNTRY/REGION,
2013–2020 (\$MILLION) 103

TABLE 57 EUROPE: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 103

TABLE 58 EUROPE: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 104

TABLE 59 EUROPE: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 104

TABLE 60 EUROPE: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 104

TABLE 61 EUROPE: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 105

TABLE 62 EUROPE: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 105

TABLE 63 GERMANY: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 106

TABLE 64 GERMANY: MICROFLUIDICS MARKET SIZE, BY APPLICATION,
2013–2020 (\$MILLION) 107

TABLE 65 GERMANY: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 107

TABLE 66 GERMANY: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 107

TABLE 67 GERMANY: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 108

TABLE 68 GERMANY: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 108

TABLE 69 FRANCE: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 109

TABLE 70 FRANCE: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 110

TABLE 71 FRANCE: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 110

TABLE 72 FRANCE: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 110

TABLE 73 FRANCE: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 111

TABLE 74 FRANCE: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,

BY TYPE, 2013–2020 (\$MILLION) 111

TABLE 75 U.K.: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 112

TABLE 76 U.K.: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 113

TABLE 77 U.K.: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 113

TABLE 78 U.K.: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 113

TABLE 79 U.K.: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 114

TABLE 80 U.K.: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 114

TABLE 81 ITALY: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 116

TABLE 82 ITALY: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 116

TABLE 83 ITALY: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 116

TABLE 84 ITALY: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 117

TABLE 85 ITALY: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 117

TABLE 86 ITALY: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 118

TABLE 87 SPAIN: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 119

TABLE 88 SPAIN: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 119

TABLE 89 SPAIN: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 120

TABLE 90 SPAIN: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 120

TABLE 91 SPAIN: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 121

TABLE 92 SPAIN: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 121

TABLE 93 ROE: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 122

TABLE 94 ROE: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 123

TABLE 95 ROE: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 123

TABLE 96 ROE: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 123

TABLE 97 ROE: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 124

TABLE 98 ROE: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 124

TABLE 99 APAC: MICROFLUIDICS MARKET SIZE, BY COUNTRY/REGION, 2013-2020 (\$MILLION) 127

TABLE 100 APAC: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013-2020 (\$MILLION) 127

TABLE 101 APAC: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION) 127

TABLE 102 APAC: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 128

TABLE 103 APAC: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 128

TABLE 104 APAC: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 129

TABLE 105 APAC: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 129

TABLE 106 JAPAN: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013-2020 (\$MILLION) 130

TABLE 107 JAPAN: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION) 131

TABLE 108 JAPAN: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 131

TABLE 109 JAPAN: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 132

TABLE 110 JAPAN: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 132

TABLE 111 JAPAN: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 132

TABLE 112 CHINA: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013-2020 (\$MILLION) 133

TABLE 113 CHINA: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION) 134

TABLE 114 CHINA: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 134

TABLE 115 CHINA: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 134

TABLE 116 CHINA: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 135

TABLE 117 CHINA: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,

BY TYPE, 2013–2020 (\$MILLION) 135

TABLE 118 INDIA: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 137

TABLE 119 INDIA: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 137

TABLE 120 INDIA: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 137

TABLE 121 INDIA: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 138

TABLE 122 INDIA: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 138

TABLE 123 INDIA: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 139

TABLE 124 ROAPAC: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 140

TABLE 125 ROAPAC: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 140

TABLE 126 ROAPAC: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 140

TABLE 127 ROAPAC: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 141

TABLE 128 ROAPAC: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 141

TABLE 129 ROAPAC: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 142

TABLE 130 ROW: MICROFLUIDICS MARKET SIZE, BY REGION, 2013–2020 (\$MILLION) 143

TABLE 131 ROW: MICROFLUIDICS MARKET SIZE, BY MATERIAL, 2013–2020 (\$MILLION) 143

TABLE 132 ROW: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013–2020 (\$MILLION) 144

TABLE 133 ROW: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION,
BY TYPE, 2013–2020 (\$MILLION) 144

TABLE 134 ROW: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE,
2013–2020 (\$MILLION) 144

TABLE 135 ROW: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 145

TABLE 136 ROW: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013–2020
(\$MILLION) 145

TABLE 137 LATIN AMERICA: MICROFLUIDICS MARKET SIZE, BY MATERIAL,
2013–2020 (\$MILLION) 146

TABLE 138 LATIN AMERICA: MICROFLUIDICS MARKET SIZE, BY APPLICATION,

2013-2020 (\$MILLION) 147

TABLE 139 LATIN AMERICA: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 147

TABLE 140 LATIN AMERICA: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 148

TABLE 141 LATIN AMERICA: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 148

TABLE 142 LATIN AMERICA: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 148

TABLE 143 MIDDLE EAST AND AFRICA: MICROFLUIDICS MARKET SIZE, BY MATERIAL,

2013-2020 (\$MILLION) 149

TABLE 144 MIDDLE EAST AND AFRICA: MICROFLUIDICS MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION) 150

TABLE 145 MIDDLE EAST AND AFRICA: MICROFLUIDICS MARKET SIZE FOR IN VITRO DIAGNOSTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 150

TABLE 146 MIDDLE EAST AND AFRICA: MICROFLUIDICS MARKET SIZE FOR PHARMACEUTICAL RESEARCH APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 151

TABLE 147 MIDDLE EAST AND AFRICA: MICROFLUIDICS MARKET SIZE FOR LAB ANALYTICS APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 151

TABLE 148 MIDDLE EAST AND AFRICA: MICROFLUIDICS MARKET SIZE FOR DRUG DELIVERY APPLICATION, BY TYPE, 2013-2020 (\$MILLION) 152

TABLE 149 NEW PRODUCT LAUNCHES, 2014-2015 154

TABLE 150 AGREEMENTS, PARTNERSHIPS, AND COLLABORATIONS, 2014-2015 155

TABLE 151 EXPANSIONS, 2012-2014 156

TABLE 152 MERGERS AND ACQUISITIONS, 2014-2015 157

List Of Figures, Charts and Diagrams in Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

LIST OF FIGURES

FIGURE 1 RESEARCH DESIGN 22

FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION 23

FIGURE 3 BOTTOM-UP APPROACH 24

FIGURE 4 TOP-DOWN APPROACH 24

FIGURE 5 DATA TRIANGULATION METHODOLOGY 25

FIGURE 6 IN VITRO DIAGNOSTICS TO REGISTER MAXIMUM GROWTH DURING THE FORECAST PERIOD 31

FIGURE 7 LAB ANALYTICS IS EXPECTED TO DOMINATE THE GLOBAL MICROFLUIDICS MARKET FOR PHARMACEUTICAL RESEARCH APPLICATIONS BY 2020 31

FIGURE 8 POLYMER-BASED MICROFLUIDICS WAS THE LARGEST SEGMENT OF THE GLOBAL MICROFLUIDICS MARKET IN 2015 32

FIGURE 9 NORTH AMERICA DOMINATES THE POLYMER-BASED MICROFLUIDICS MARKET 33

FIGURE 10 GEOGRAPHIC ANALYSIS: GLOBAL MICROFLUIDICS MARKET 34

FIGURE 11 EMERGING ECONOMIES OFFER SIGNIFICANT GROWTH OPPORTUNITIES FOR THE GLOBAL MICROFLUIDICS MARKET 35

FIGURE 12 JAPAN ACCOUNTED FOR THE LARGEST SHARE OF THE ASIA-PACIFIC MICROFLUIDICS MARKET IN 2014 36

FIGURE 13 THE U.S. COMMANDED ABOUT ONE-FOURTH OF THE GLOBAL MICROFLUIDICS MARKET IN 2014 37

FIGURE 14 NORTH AMERICA WILL DOMINATE THE MICROFLUIDICS MARKET DURING THE FORECAST PERIOD 38

FIGURE 15 CHINA TO REGISTER HIGHEST GROWTH IN THE FORECAST PERIOD 39

FIGURE 16 MICROFLUIDICS MARKET SEGMENTATION, BY MATERIAL 41

FIGURE 17 MICROFLUIDICS MARKET SEGMENTATION, BY APPLICATION 41

FIGURE 18 MICROFLUIDICS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES 42

FIGURE 19 VALUE CHAIN ANALYSIS 51

FIGURE 20 MICROFLUIDICS MARKET PLAYERS INCREASINGLY FOCUSING ON ADOPTION OF POLYMERS 51

FIGURE 21 POLYMER-BASED MICROFLUIDICS TO REGISTER MAXIMUM GROWTH IN THE FORECAST PERIOD (2015-2020) 55

FIGURE 22 IN VITRO DIAGNOSTICS APPLICATION SEGMENT DOMINATE THE GLOBAL MICROFLUIDICS MARKET 62

FIGURE 23 ASIA-PACIFIC TO REGISTER MAXIMUM GROWTH IN THE FORECAST PERIOD 65

FIGURE 24 LAB ANALYTICS HOLD THE LARGEST SHARE IN THE GLOBAL MICROFLUIDICS MARKET FOR PHARMACEUTICAL RESEARCH APPLICATION 71

FIGURE 25 PROTEOMIC ANALYSIS SEGMENT HOLDS MAJOR SHARE OF THE MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATION 73

FIGURE 26 ASIA-PACIFIC IS THE MOST LUCRATIVE MARKET FOR DRUG DELIVERY APPLICATIONS OF MICROFLUIDICS 82

FIGURE 27 GEOGRAPHIC SNAPSHOT (2015-2020): CHINA EXPECTED TO BE THE FASTEST GROWING COUNTRY 89

FIGURE 28 NORTH AMERICA HOLDS THE MAJOR SHARE IN THE GLOBAL MICROFLUIDICS MARKET 91

FIGURE 29 EMERGING MARKET OPPORTUNITIES IN THE DEVELOPING APAC COUNTRIES 126

FIGURE 30 NEW PRODUCT LAUNCHES WAS THE KEY GROWTH STRATEGY ADOPTED BY MARKET PLAYERS IN THE LAST FOUR YEARS (2012-2015) 153

FIGURE 31 BATTLE FOR MARKET SHARE: NEW PRODUCT LAUNCHES WAS THE KEY STRATEGY 154

FIGURE 32 THERMO FISHER SCIENTIFIC, INC.: COMPANY SNAPSHOT 159

FIGURE 33 BECTON, DICKINSON AND COMPANY: COMPANY SNAPSHOT 161

FIGURE 34 BIO-RAD LABORATORIES, INC.: COMPANY SNAPSHOT 163

FIGURE 35 PERKINELMER, INC.: COMPANY SNAPSHOT 165

FIGURE 36 AGILENT TECHNOLOGIES, INC.: COMPANY SNAPSHOT 168

FIGURE 37 DANAHER CORPORATION: COMPANY SNAPSHOT 171

FIGURE 38 CEPHEID INC.: COMPANY SNAPSHOT 173

FIGURE 39 FLUIDIGM CORPORATION: COMPANY SNAPSHOT 175

FIGURE 40 ROCHE DIAGNOSTICS LTD.: COMPANY SNAPSHOT 177

FIGURE 41 ILLUMINA, INC.: COMPANY SNAPSHOT 179

How to Buy...

Microfluidics Market by Material (Polymer, Glass, Silicon) Application (Pharmaceutical (Genomics, Proteomics, Capillary Electrophoresis) Diagnostic (POC, Clinical, Environmental, Industrial) Drug Delivery (Inhaler, Micropump)) - Global Forecast to 2020

Option 1 - Online

Go to our website and pay online with any major debit or credit card:

<https://www.bioportfolio.co.uk/product/41657>

Option 2 - Request a Proforma Invoice

Fill in the details below, and either **Scan** this page **and email** it to us at reportstore@bioportfolio.com or **Fax** it to us at +44 (0)1305 791844. We will send you a Proforma Invoice and deliver your report on settlement.

Your Name:

Job Title:

Your Email:

Your Contact Phone:

Company Name:

Address:

Post/Zip Code:

Country:

P.O. Number:

Any Other Instructions:

Pricing Options: (please tick one)

- \$5650** | Single User Price
- \$6650** | Multi User Price
- \$8150** | Corporate License Price
- \$10000** | Global License Price

Payment Options: (please tick one)

- Online Credit Card** (we will email you the invoice with a payment link)
- Direct Wire Transfer** (we will email you the invoice with our bank details)

Authorising Signature:

Option 3 - Phone Us on +44 (0)1300 321501

We will be delighted to give you our personal attention.