

# BioMEMS Devices – A Global Market Overview

<https://marketpublishers.com/r/B09B8D750E8EN.html>

Date: January 2016

Pages: 178

Price: US\$ 4,050.00 (Single User License)

ID: B09B8D750E8EN

## Abstracts

BioMEMS devices deployed in hospitals and healthcare facilities are primarily focused on medical screening and diagnostic applications, such as devices that measure point-of-care parameters. Wearable devices that facilitate and assure continuous monitoring without hampering a user's freedom of movement are being bolstered through new opportunities offered by innovative sensors for human biomedical signal acquisition coupled with wireless connectivity and low power solutions. In addition, greater attention is being accorded to diagnostic MEMS sensors that can assist in performing critical functions, such as cholesterol monitoring, pregnancy monitoring, food allergy detection and DNA analyses. Sensor technologies in several cases provide crucial outcomes and form a major element in the process of assisting in decision-making before obtaining formal clinical intervention and care.

Over the coming years, the functionality of BioMEMS devices/sensor technologies and derivative solutions will maintain an upward trend, which can be attributed to the declining cost of sensor technologies and progressions in infrastructural and information and communications technologies that would cause sensor data to be efficiently aggregated, processed, stored and visualized. Other factors propelling the rate of development in BioMEMS technologies include increasing demand for understanding and managing personal health and well-being and monitoring of environmental conditions. BioMEMS devices of the future are likely to have greater selectivity and sensitivity, in addition to greater stability and capability in identifying and classifying events that would enable in preventing false alarms.

BioMEMS devices applications analyzed in this report include Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research. The global markets for these applications analyzed in terms of USD. Home Care Devices expected to be the fastest growing application of BioMEMS devices with a robust CAGR of 37.4% between 2016 and 2022 and touches US\$1 billion mark by 2022. In Vitro

Diagnostics estimated the largest application of BioMEMS devices in US\$1.7 billion in 2016 while Pharmaceutical & Biological Research follows closely with US\$1.3 billion in the same year.

The report reviews, analyses and projects the BioMEMS devices applications market for global and the regional markets including North America, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 13 independent countries across North America – The United States, Canada and Mexico; Europe – France, Germany, Italy, Spain, Switzerland and the United Kingdom; Asia-Pacific – China, India, Japan and South Korea; Rest of World – Middle East and South America.

This 178 page global market research report includes 100 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 18 key global players and 21 major players across North America – 12; Europe – 6; and Asia-Pacific – 3. The research also provides the listing of the companies engaged in research and development, manufacturing and supply of BioMEMS devices. The global list of companies covers addresses, contact numbers and the website addresses of 161 companies.

## Contents

### **PART A: GLOBAL MARKET PERSPECTIVE**

#### **1. INTRODUCTION**

##### 1.1 Product Outline

###### 1.1.1 Micro-Electro-Mechanical Systems

###### 1.1.1.1 BioMEMS

###### 1.1.1.1.1 BioMEMS Devices

###### 1.1.1.1.1.1 MEMS Sensors

###### 1.1.1.1.1.1.1 MEMS Pressure Sensors

###### 1.1.1.1.1.1.2 MEMS Temperature Sensors

###### 1.1.1.1.1.1.3 MEMS Inertial Sensors (Accelerometers and Gyroscopes)

###### 1.1.1.1.1.1.4 Optical MEMS and Image sensors

###### 1.1.1.1.1.1.5 MEMS Flow Sensors

###### 1.1.1.1.1.1.6 Other MEMS Sensors

###### 1.1.1.1.1.2 Microfluidics

###### 1.1.1.1.1.3 Other BioMEMS Devices

###### 1.1.1.1.1.3.1 Microphones

###### 1.1.1.1.1.3.2 Microneedles

###### 1.1.1.1.1.3.3 Micropumps

###### 1.1.1.1.2 BioMEMS Devices Applications – A Snapshot

###### 1.1.1.1.2.1 Medical Devices

###### 1.1.1.1.2.2 Home Care Devices

###### 1.1.1.1.2.3 In Vitro Diagnostics

###### 1.1.1.1.2.4 Pharmaceutical & Biological Research

#### **2. KEY MARKET TRENDS**

##### 2.1 BioMEMS Technology on a Growth Trajectory

##### 2.2 Convergence of Developments in Pharma and Drug Delivery Aided by Micro Manufacturing

##### 2.3 Real Time Monitoring of Critical Blood Levels Enabled through New Device

##### 2.4 Biomedical Device Applications Being Bolstered by MEMS Sensors

##### 2.5 Point-of-Care Diagnostics Gain from Integrated CMOS qPCR Lab-on-Chip

##### 2.6 Diagnosis and Treatment of Sepsis Benefitted through New Discovery

#### **3. KEY GLOBAL PLAYERS**

All Sensors Corporation  
Analog Devices Inc  
Bluechiip Ltd  
Capitalbio Corporation  
Debiotech S.A.  
First Sensor AG  
Freescale Semiconductor, Inc.  
Honeywell International Inc  
Integrated Sensing Systems, Inc  
Knowles Corporation  
Micralyne Inc.  
Omron Corporation  
Perkinelmer Inc.  
Silicon Microstructures, Inc.  
St. Jude Medical, Inc.  
Stmicroelectronics  
TE Connectivity Ltd  
Teledyne Technologies Incorporated

#### **4. KEY BUSINESS TRENDS**

Micralyne Eyes Expansion of MEMS Solutions Globally  
HTEC Selects STMicroelectronics Chip Guards for its Cardiac Recorder  
STMicroelectronics Launches a Motion Sensor for Medical Applications  
Bluechiip Unveils a Couple of Products upon Customer Feedback  
Integrated Sensing Systems Inc Presents Implantable Hemodynamic Monitoring System  
MEMSCAP Joins with IMCA to Penetrate Turkey Market  
SMI Unveils a Pressure Sensor for Ultra-Low Pressure Market  
All Sensor Corporation's New Series of Pressure Sensors into Market  
All Sensor Corporation Establishes a Wholly Owned Subsidiary for Asia-Pacific Region  
A New Series of Pressure Sensors from All Sensor Corporation  
Debiotech's Patch Pumps to Couple with iSense CGM's Product  
All Sensors Corporation Introduces Successor for DLVR Series Pressure Sensors  
SMI Introduces Catheter Mountable Pressure Sensor  
STMicroelectronics' New Launch for Ultra Low-Power Applications  
FTC Technologies Acquires 98% Stake in Micralyne Inc  
Tronics Spends on Resource Purchases to Leverage in Submicron MEMS

## Opportunities

TE Connectivity Limited Sets Up a New Manufacturing Facility in Minnesota  
TE Connectivity Limited Stands in Top 100 Global Innovators List for the Fourth Time  
Tronics Ships Millionth Inertial MEMS Sensor to Market  
Measurement Specialties Now Part of TE Connectivity Limited  
Glory Biotech Corp to be Korean Distributor for Bluechiip Limited  
FPS series Ultra Low Pressure Sensors from All Sensors Corporation  
TE Connectivity Limited Acquires American Sensor Technologies, Inc.  
All Sensors Includes a New a Variant into DLVR Series Product Line  
Bluechiip and STMicroelectronics to Increase Production Volume of Bluechiip Tag  
St. Jude Medical Announces Approval for CardioMEMS HF from CMS  
Omron Corporation Inaugurates New Investment Subsidiary  
Hearing Health Industry Receives Two Millionth MEMS Microphone from Knowles  
CardioMEMS Inc. Becomes Part of St. Jude Medical Inc  
Debiotech wins Silver Medical Design Excellence Award for its Technology  
All Sensors Corporation Announces Establishment of European Subsidiary  
Bluechiip Expands in China with an Agreement  
CardioMEMS HF System Receives FDA Approval  
Bluechiip Begins Marketing and Selling of its Recently Developed MEMS Products  
Omron Corporation's Product Line Extension  
Bluechiip Forms a Co-Development Agreement with Micronic Manufacturing BV  
Micralyne's Association with CMC Microsystems Yields a Unique Silicon MEMS Process  
Teledyne DALSA Obtains Financial Support in Qu?bec for Business Expansion  
LBD Distributes Bluechiip's Product Range in China  
Buechiip Signs ONQ Software as Distributor for Australia  
Bluechiip Forms Malaysian Distribution Agreement with Biospensa  
Bluechiip Forms a Software Integration Project with OnQ  
Debiotech Launches New Product  
Analog Devices Divests Microphone Product Line to Concentrate on Core Competencies  
Honeywell Announces New HumidIcon Series Sensors  
ISSYS Surges on Bagging a Process Patent  
Analog Devices Associates with Indian Institute of Science for MEMS R&D  
Honeywell's New Digital Pressure Sensor Launched  
PerkinElmer Commences Direct Operations in Israel  
Omron Corporation Unveils a Breakthrough Pressure Sensor for Healthcare, Wearable Devices  
Omron to Launch the World's Foremost Element MEMS Non-Contact Thermal Sensor

All Sensors Corporation Releases a New Line of Digital Pressure Sensors  
Debiotech Unveils JewelPUMP Platform  
ISSYS Receives a Product Patent in the US  
Debiotech and Valtronic Continue their Collaboration for Electronic Controller Unit  
Debiotech to Supply Auto-Inserted Cannula to be used with JewelPUMP Worldwide  
PerkinElmer Commences Direct Operations in South Africa  
All Sensors Corporation Extends its MLV Series Product Line  
MEMSCAP Granted Award for Micro Technology Achievement  
Debiotech's JewelPump's Debut for Clinical Utility in France  
Honeywell Extends Zephyr™ Airflow Sensor's Product Line  
ISSYS and University of Michigan Receive US\$1.5 Million in Grant  
Omron Announces Opening Ceremony of Regional Head Office in India

## **5. GLOBAL MARKET OVERVIEW**

### 5.1 Global Market Overview by Application

#### 5.1.1 BioMEMS Devices Application Market Overview by Global Region

##### 5.1.1.1 Home Care Devices

##### 5.1.1.2 In Vitro Diagnostics

##### 5.1.1.3 Medical Devices

##### 5.1.1.4 Pharmaceutical & Biological Research

## **PART B: REGIONAL MARKET PERSPECTIVE**

## **REGIONAL MARKET OVERVIEW**

### **1. NORTH AMERICA**

#### 1.1 North American Market Overview by Geographic Region

#### 1.2 North American Market Overview by Application

##### 1.2.1 BioMEMS Devices Application Market Overview by North American Region

##### 1.2.1.1 Home Care Devices

##### 1.2.1.2 In Vitro Diagnostics

##### 1.2.1.3 Medical Devices

##### 1.2.1.4 Pharmaceutical & Biological Research

#### 1.3 Major Market Players

All Sensors Corporation (United States)

Analog Devices Inc (United States)

Freescale Semiconductor, Inc. (United States)

Honeywell International Inc (United States)  
Integrated Sensing Systems, Inc (United States)  
Knowles Corporation (United States)  
Micralyne Inc. (Canada)  
Perkinelmer Inc. (United States)  
Silicon Microstructures, Inc. (United States)  
St. Jude Medical, Inc. (United States)  
Teledyne Technologies Incorporated (United States)  
Teledyne Dalsa Inc. (Canada)  
1.4 North American BioMEMS Market Overview by Country  
    1.4.1 The United States  
    1.4.2 Canada  
    1.4.3 Mexico

## **2. EUROPE**

2.1 European Market Overview by Geographic Region  
2.2 European Market Overview by Application  
    2.2.1 BioMEMS Devices Application Market Overview by European Region  
        2.2.1.1 Home Care Devices  
        2.2.1.2 In Vitro Diagnostics  
        2.2.1.3 Medical Devices  
        2.2.1.4 Pharmaceutical & Biological Research  
2.3 Major Market Players  
Debiotech S.A. (Switzerland)  
First Sensor AG (Germany)  
Memscap SA. (France)  
Stmicroelectronics (Switzerland)  
TE Connectivity Ltd (Switzerland)  
Tronics Microsystems S.A. (France)  
2.4 European BioMEMS Market Overview by Country  
    2.4.1 France  
    2.4.2 Germany  
    2.4.3 Italy  
    2.4.4 Spain  
    2.4.5 Switzerland  
    2.4.6 The United Kingdom  
    2.4.7 Rest of Europe

### **3. ASIA-PACIFIC**

3.1 Asia-Pacific Market Overview by Geographic Region

3.2 Asia-Pacific Market Overview by Application

3.2.1 BioMEMS Devices Application Market Overview by Asia-Pacific Region

3.2.1.1 Home Care Devices

3.2.1.2 In Vitro Diagnostics

3.2.1.3 Medical Devices

3.2.1.4 Pharmaceutical & Biological Research

3.3 Major Market Players

Bluechiip Ltd (Australia)

Capitalbio Corporation (China)

Omron Corporation (Japan)

3.4 Asia-Pacific BioMEMS Market Overview by Country

3.4.1 China

3.4.2 India

3.4.3 Japan

3.4.4 South Korea

3.4.5 Rest of Asia-Pacific

### **4. REST OF WORLD**

4.1 Rest of World Market Overview by Geographic Region

4.2 Rest of World Market Overview by Application

4.2.1 BioMEMS Devices Application Market Overview by Rest of World Sub-Region

4.2.1.1 Home Care Devices

4.2.1.2 In Vitro Diagnostics

4.2.1.3 Medical Devices

4.2.1.4 Pharmaceutical & Biological Research

4.3 Rest of World BioMEMS Market Overview by Sub-Region

4.3.1 Middle East & Africa

4.3.2 South America

## **PART C: GUIDE TO THE INDUSTRY**

### **1. NORTH AMERICA**

### **2. EUROPE**



### **3. ASIA-PACIFIC**

### **4. REST OF WORLD**

## **PART D: ANNEXURE**

### **1. RESEARCH METHODOLOGY**

### **2. FEEDBACK**

## **CHARTS & GRAPHS**

### **PART A: GLOBAL MARKET PERSPECTIVE**

Chart 1: Global BioMEMS Devices Market Overview (2012-2022) in USD Million

Chart 2: Global BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 3: Glance at 2012, 2017 and 2020 Global BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

Chart 4: Global BioMEMS Devices Market Analysis (2012-2022) in Home Care Devices by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 5: Glance at 2012, 2017 and 2022 Global BioMEMS Devices Market Share (%) in Home Care Devices by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 6: Global BioMEMS Devices Market Analysis (2012-2022) in In Vitro Diagnostic Applications by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 7: Glance at 2012, 2017 and 2022 Global BioMEMS Devices Market Share (%) in In Vitro Diagnostic Applications by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 8: Global BioMEMS Devices Market Analysis (2012-2022) in Medical Devices by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 9: Glance at 2012, 2017 and 2022 Global BioMEMS Devices Market Share (%) in Medical Devices by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 10: Global BioMEMS Devices Market Analysis (2012-2022) in Pharmaceutical & Biological Research Applications by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 11: Glance at 2012, 2017 and 2022 Global BioMEMS Devices Market Share (%) in Pharmaceutical & Biological Research Applications by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

## **PART B: REGIONAL MARKET PERSPECTIVE**

Chart 12: The Largest Independent Regions in Terms of Projected Growth (2016-2022) for BioMEMS Devices Market by Geographic Region – Asia-Pacific, Europe and North America

Chart 13: Global BioMEMS Devices Market Analysis (2012-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 14: Glance at 2012, 2017 and 2020 Global BioMEMS Devices Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

## **REGIONAL MARKET OVERVIEW**

### **NORTH AMERICA**

Chart 15: North American BioMEMS Devices Market Overview (2012-2022) in USD Million

Chart 16: North American BioMEMS Devices Market Analysis (2012-2022) by Geographic Region – United States, Canada and Mexico in USD Million

Chart 17: Glance at 2012, 2017 and 2022 North American BioMEMS Devices Market Share (%) by Geographic Region – United States, Canada and Mexico

Chart 18: North American BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 19: Glance at 2012, 2017 and 2020 North American BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

Chart 20: North American BioMEMS Devices Market Analysis (2012-2022) in Home Care Devices by Geographic Region – United States, Canada and Mexico in USD Million

Chart 21: Glance at 2012, 2017 and 2022 North American BioMEMS Devices Market Share (%) in Home Care Devices by Geographic Region – United States, Canada and Mexico

Chart 22: North American BioMEMS Devices Market Analysis (2012-2022) in In Vitro Diagnostic Applications by Geographic Region – United States, Canada and Mexico in USD Million

Chart 23: Glance at 2012, 2017 and 2022 North American BioMEMS Devices Market Share (%) in In Vitro Diagnostic Applications by Geographic Region – United States, Canada and Mexico

Chart 24: North American BioMEMS Devices Market Analysis (2012-2022) in Medical Devices by Geographic Region – United States, Canada and Mexico in USD Million

Chart 25: Glance at 2012, 2017 and 2022 North American BioMEMS Devices Market Share (%) in Medical Devices by Geographic Region – United States, Canada and Mexico

Chart 26: North American BioMEMS Devices Market Analysis (2012-2022) in Pharmaceutical & Biological Research Applications by Geographic Region – United States, Canada and Mexico in USD Million

Chart 27: Glance at 2012, 2017 and 2022 North American BioMEMS Devices Market Share (%) in Pharmaceutical & Biological Research Applications by Geographic Region – United States, Canada and Mexico

## **THE UNITED STATES**

Chart 28: United States BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 29: Glance at 2012, 2017 and 2020 United States BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **CANADA**

Chart 30: Canadian BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 31: Glance at 2012, 2017 and 2020 Canadian BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **MEXICO**

Chart 32: Mexican BioMEMS Devices Market Analysis (2012-2022) by Application –

Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 33: Glance at 2012, 2017 and 2020 Mexican BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **EUROPE**

Chart 34: European BioMEMS Devices Market Overview (2012-2022) in USD Million

Chart 35: European BioMEMS Devices Market Analysis (2012-2022) by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe in USD Million

Chart 36: Glance at 2012, 2017 and 2022 European BioMEMS Devices Market Share (%) by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe

Chart 37: European BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 38: Glance at 2012, 2017 and 2020 European BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

Chart 39: European BioMEMS Devices Market Analysis (2012-2022) in Home Care Devices by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe in USD Million

Chart 40: Glance at 2012, 2017 and 2022 European BioMEMS Devices Market Share (%) in Home Care Devices by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe

Chart 41: European BioMEMS Devices Market Analysis (2012-2022) in In Vitro Diagnostic Applications by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe in USD Million

Chart 42: Glance at 2012, 2017 and 2022 European BioMEMS Devices Market Share (%) in In Vitro Diagnostic Applications by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe

Chart 43: European BioMEMS Devices Market Analysis (2012-2022) in Medical Devices by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe in USD Million

Chart 44: Glance at 2012, 2017 and 2022 European BioMEMS Devices Market Share (%) in Medical Devices by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe

Chart 45: European BioMEMS Devices Market Analysis (2012-2022) in Pharmaceutical & Biological Research Applications by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe in USD Million

Chart 46: Glance at 2012, 2017 and 2022 European BioMEMS Devices Market Share (%) in Pharmaceutical & Biological Research Applications by Geographic Region – France, Germany, Italy, Spain, Switzerland, United Kingdom and Rest of Europe

## **FRANCE**

Chart 47: French BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 48: Glance at 2012, 2017 and 2020 French BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **GERMANY**

Chart 49: German BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 50: Glance at 2012, 2017 and 2020 German BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **ITALY**

Chart 51: Italian BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 52: Glance at 2012, 2017 and 2020 Italian BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **SPAIN**

Chart 53: Spanish BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 54: Glance at 2012, 2017 and 2020 Spanish BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **SWITZERLAND**

Chart 55: Swiss BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 56: Glance at 2012, 2017 and 2020 Swiss BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **THE UNITED KINGDOM**

Chart 57: United Kingdom BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 58: Glance at 2012, 2017 and 2020 United Kingdom BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **REST OF EUROPE**

Chart 59: Rest of Europe BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 60: Glance at 2012, 2017 and 2020 Rest of Europe BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **ASIA-PACIFIC**

Chart 61: Asia-Pacific BioMEMS Devices Market Overview (2012-2022) in USD Million

Chart 62: Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific in USD Million

Chart 63: Glance at 2012, 2017 and 2022 Asia-Pacific BioMEMS Devices Market Share (%) by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific

Chart 64: Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) by Application –

Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 65: Glance at 2012, 2017 and 2020 Asia-Pacific BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

Chart 66: Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) in Home Care Devices by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific in USD Million

Chart 67: Glance at 2012, 2017 and 2022 Asia-Pacific BioMEMS Devices Market Share (%) in Home Care Devices by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific

Chart 68: Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) in In Vitro Diagnostic Applications by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific in USD Million

Chart 69: Glance at 2012, 2017 and 2022 Asia-Pacific BioMEMS Devices Market Share (%) in In Vitro Diagnostic Applications by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific

Chart 70: Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) in Medical Devices by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific in USD Million

Chart 71: Glance at 2012, 2017 and 2022 Asia-Pacific BioMEMS Devices Market Share (%) in Medical Devices by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific

Chart 72: Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) in Pharmaceutical & Biological Research Applications by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific in USD Million

Chart 73: Glance at 2012, 2017 and 2022 Asia-Pacific BioMEMS Devices Market Share (%) in Pharmaceutical & Biological Research Applications by Geographic Region – China, India, Japan, South Korea and Rest of Asia-Pacific

## **CHINA**

Chart 74: Chinese BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 75: Glance at 2012, 2017 and 2020 Chinese BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

india

Chart 76: Indian BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 77: Glance at 2012, 2017 and 2020 Indian BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **JAPAN**

Chart 78: Japanese BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 79: Glance at 2012, 2017 and 2020 Japanese BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **SOUTH KOREA**

Chart 80: South Korean BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 81: Glance at 2012, 2017 and 2020 South Korean BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **REST OF ASIA-PACIFIC**

Chart 82: Rest of Asia-Pacific BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 83: Glance at 2012, 2017 and 2020 Rest of Asia-Pacific BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **REST OF WORLD**

Chart 84: Rest of World BioMEMS Devices Market Overview (2012-2022) in USD Million

Chart 85: Rest of World BioMEMS Devices Market Analysis (2012-2022) by Geographic



Region – Middle East & Africa and South America in USD Million

Chart 86: Glance at 2012, 2017 and 2022 Rest of World BioMEMS Devices Market Share (%) by Geographic Region – Middle East & Africa and South America

Chart 87: Rest of World BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 88: Glance at 2012, 2017 and 2020 Rest of World BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

Chart 89: Rest of World BioMEMS Devices Market Analysis (2012-2022) in Home Care Devices by Geographic Region – Middle East & Africa and South America in USD Million

Chart 90: Glance at 2012, 2017 and 2022 Rest of World BioMEMS Devices Market Share (%) in Home Care Devices by Geographic Region – Middle East & Africa and South America

Chart 91: Rest of World BioMEMS Devices Market Analysis (2012-2022) in In Vitro Diagnostic Applications by Geographic Region – Middle East & Africa and South America in USD Million

Chart 92: Glance at 2012, 2017 and 2022 Rest of World BioMEMS Devices Market Share (%) in In Vitro Diagnostic Applications by Geographic Region – Middle East & Africa and South America

Chart 93: Rest of World BioMEMS Devices Market Analysis (2012-2022) in Medical Devices by Geographic Region – Middle East & Africa and South America in USD Million

Chart 94: Glance at 2012, 2017 and 2022 Rest of World BioMEMS Devices Market Share (%) in Medical Devices by Geographic Region – Middle East & Africa and South America

Chart 95: Rest of World BioMEMS Devices Market Analysis (2012-2022) in Pharmaceutical & Biological Research Applications by Geographic Region – Middle East & Africa and South America in USD Million

Chart 96: Glance at 2012, 2017 and 2022 Rest of World BioMEMS Devices Market Share (%) in Pharmaceutical & Biological Research Applications by Geographic Region – Middle East & Africa and South America

## **MIDDLE EAST & AFRICA**

Chart 97: Middle East & Africa BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 98: Glance at 2012, 2017 and 2020 Middle East & Africa BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## **SOUTH AMERICA**

Chart 99: South American BioMEMS Devices Market Analysis (2012-2022) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research in USD Million

Chart 100: Glance at 2012, 2017 and 2020 South American BioMEMS Devices Market Share (%) by Application – Home Care Devices, In Vitro Diagnostics, Medical Devices and Pharmaceutical & Biological Research

## Tables

### **TABLES:**

Table 1: Summary of BioMEMS Devices Applications in Various Medical Equipment or Products

Table 2: Summary of BioMEMS Devices Applications in Various Home Care Equipment or Products

Table 3: Summary of BioMEMS Devices Applications in Various IVD Equipment or Products

Table 4: Summary of BioMEMS Devices Applications in Various Pharma & Bio Research Equipment or Products

## I would like to order

Product name: BioMEMS Devices – A Global Market Overview

Product link: <https://marketpublishers.com/r/B09B8D750E8EN.html>

Price: US\$ 4,050.00 (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/B09B8D750E8EN.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