Disposable Medical Device Sensors Market by Product (Biosensor, Image sensor, Accelerometer), Monitoring (Smart Pill, Pulse Oximeter), Diagnostics (Capsule Endoscope, Blood Glucose Strip), Therapeutics - Global Forecast to 2020

Description: “Disposable Medical Device Sensors Market - By Product (Biosensor, Image sensor, Accelerometer), Monitoring (Smart Pill, Pulse Oximeter) Diagnostic [Capsule Endoscope, Blood Glucose Strip] Therapeutic (Insulin Pump, Dialysis) - Global Forecast to 2020”

Over the years, sensors have revolutionized the use of diagnostic, surgical, and therapeutic devices in medical applications. Sensors are an integral part of medical devices as they detect even the smallest change in vital parameters. Disposable sensors play a major role in advancing diagnostic and monitoring methods and in improving the quality of healthcare services. Continuous technological advancements in the accuracy, intelligence, capability, reliability, and compactness of sensors have helped to broaden their applications to a large extent.

The global disposable medical device sensors market is expected to grow at a CAGR of 10.3% during the forecast period (2015 to 2020). Majority of the demand for sensors based disposable medical devices is driven by the growing need to reduce soaring healthcare costs, increasing prevalence of chronic diseases and rising incidence of healthcare acquired infections. The growing adoption of self-monitoring and diagnostic devices is some other factors driving growth of the global disposable medical device sensors market. In addition to the demand for diagnostic and monitoring devices for home treatment, the increasing demand of technologically advanced single use devices from healthcare providers is also expected to contribute to the growth of the global disposable medical device sensors market during the forecast years.

In 2014, North America commanded the largest share of the global disposable medical device sensors market, followed by Europe, Asia-Pacific, Latin America, and the Middle East and Africa. Developed geographies like North America and Europe are likely to grow at a lower CAGR as compared to the Asia-Pacific market, which is expected to grow at the highest CAGR of 13.8% during the forecast period. Growth in the Asia-Pacific region is largely driven by the rising geriatric population, growing per capita income, changing lifestyles, increasing investments in the healthcare industry by key market players, rising demand for advanced technologies, and expansion of private-sector hospitals to rural areas in emerging countries such as China and India are driving the growth of the Asia-Pacific disposable medical device sensors market.

In this report, the disposable medical device sensors market is segmented by product, placement of sensors, application, and geography. By product, the disposable medical device sensors market is segmented into biosensors, temperature sensors, pressure sensors, accelerometers, image sensors, and others. In 2014, the biosensors segment accounted for the largest share of ~68% of disposable medical device sensors market. This segment is poised to reach USD 4007.6 million by 2020, growing at a CAGR of 10.3% during the forecast period. On the other hand, the image sensors segment is expected to grow at the highest CAGR of 22.1% during the forecast period, owing to the increasing demand for CMOS image sensors and the introduction of cost effective and technologically advanced products.

The disposable medical device sensors market by placement of sensors comprises wearable sensors, implantable sensors, ingestible sensors, invasive sensors, and strip sensors. The ingestible sensors segment is expected to grow at the highest CAGR of 15.3% during the forecast period owing to the increasing demand for smart pills and capsule endoscopes.

On the basis of application, the disposable medical device sensors market is segmented into patient monitoring devices, diagnostic testing devices, imaging devices, and therapeutic devices. The diagnostic testing devices segment is further divided into HIV test kits, pregnancy test kits, drug and alcohol test kits, and blood glucose test strips. The therapeutic devices segment is further divided into insulin pump sensors, dialysis device sensors, cardiac therapy devices, and cardiac catheter sensors. The patient monitoring devices segment is categorized into continuous blood pressure monitors, pulse oximeters, cardiac monitors, continuous glucose monitoring devices, implantable loop recorders, smart pills, and others. The imaging devices segment is divided into capsule endoscopes and disposable endoscopes.
Some of the major players in this market include Medtronic plc. (Ireland), GE Healthcare (U.K.), Philips N.V. (Netherlands), Smiths Medical (U.K.), TE Connectivity (Switzerland), Freescale Semiconductors, Inc. (U.S.), Omnivision Technologies, Inc. (U.S.), STMicroelectronics (Switzerland), Analog Devices, Inc. (U.S.), and Honeywell International, 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 garner a greater market share. Firms purchasing the report could use one or any combination of the below-mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for reaping greater market shares.

This report provides insights on the following pointers:
- Market Penetration: Comprehensive information on product portfolios offered by top players in the disposable medical device sensors market. The report analyzes the disposable medical device sensors market by product, placement of sensors, and application across all regions
- Product Development/Innovation: Detailed insights on upcoming trends, research and development activities, and new product launches in the disposable medical device sensors market
- Market Development: Comprehensive information on the lucrative emerging markets by product, by placement of sensors, application, and region
- Market Diversification: Exhaustive information about new products, growing regions, recent developments, and investments in the disposable medical device sensors 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 disposable medical device sensors market

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Years Considered for the Study
   1.4 Currency
   1.5 Stakeholders
   1.6 Limitations

2 Research Methodology
   2.1 Research Approach
      2.1.1 Secondary Data
      2.1.1.1 Key Data From Secondary Sources
      2.1.2 Primary Data
      2.1.2.1 Key Data From Primary Sources
   2.2 Market Size Estimation
   2.3 Market Breakdown and Data Triangulation
   2.4 Market Share Estimation
   2.5 Research Assumptions
      2.5.1 Assumptions for the Study

3 Executive Summary

4 Premium Insights
   4.1 Growth Potential of the Disposable Medical Device Sensors Market
   4.2 Asia-Pacific Market, By Application
   4.3 Disposable Medical Device Sensors Market: Geographic Growth Opportunities
   4.4 Disposable Medical Device Sensors Market: Geographic Mix
   4.5 Disposable Medical Device Sensors Market: Developing vs Developed Countries

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
   5.3 Market Dynamics
5.3.1 Key Market Drivers
5.3.1.1 Rising Concerns Over Contamination and Hospital-Acquired Infections
5.3.1.2 Increasing Need to Curtail Healthcare Costs Through Low-Cost Medical Devices
5.3.1.3 Government Support to Boost Research & Development
5.3.1.4 Investments By Venture Capitalist Firms
5.3.2 Key Market Restraints
5.3.2.1 Inadequate Reimbursement
5.3.3 Key Market Opportunities
5.3.3.1 Amendments in Regulations for Ingestible Sensors
5.3.3.2 Emerging Markets
5.3.3.3 Rising Number of Collaborations
5.3.4 Key Market Challenges
5.3.4.1 Stringent Regulatory Guidelines

6 Industry Insights
6.1 Introduction
6.2 Industry Trends
6.2.1 Growing Trend Towards Miniaturization
6.2.2 Utilization of Medical Sensor-Based Devices in Home Care Settings
6.2.3 Growing Investments in R&D Activities
6.3 Porter's Five Forces Analysis
6.3.1 Threat of New Entrants
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Suppliers
6.3.4 Bargaining Power of Buyers
6.3.5 Intensity of Competitive Rivalry

7 Global Disposable Medical Device Sensors Market, By Product
7.1 Introduction
7.2 Biosensors
7.2.1 Market Share Analysis: Biosensors Market, 2014
7.3 Pressure Sensors
7.3.1 Key Players in the Pressure Sensors Market
7.4 Accelerometers
7.5 Temperature Sensors
7.5.1 Key Players in Temperature Sensors Market
7.6 Image Sensors
7.7 Other Sensors

8 Global Disposable Medical Device Sensors Market, By Placement of Sensors
8.1 Introduction
8.2 Strip Sensors
8.3 Wearable Sensors
8.4 Implantable Sensors
8.5 Invasive Sensors
8.6 Ingestible Sensors

9 Global Disposable Medical Device Sensors Market, By Application
9.1 Introduction
9.2 Diagnostic Testing Devices
9.2.1 Blood Glucose Test Strips
9.2.2 Pregnancy Test Strip Sensors
9.2.3 Drug and Alcohol Test Strip Sensors
9.2.4 HIV Test Strip Sensors
9.3 Therapeutic Devices
9.3.1 Dialysis Device Sensors
9.3.2 Cardiac Therapy Devices
9.3.3 Cardiac Catheter Sensors
9.3.4 Insulin Pump Sensors
9.4 Patient Monitoring Devices
9.4.1 Continuous Blood Pressure Monitors
9.4.2 Pulse Oximeters
9.4.3 Cardiac Monitors
9.4.4 Continuous Glucose Monitoring (CGM) Devices
9.4.5 Implantable Loop Recorders
9.4.6 Smart Pills
9.4.7 Others

9.5 Imaging Devices
9.5.1 Capsule Endoscope Sensors
9.5.2 Disposable Endoscope Sensors

10 Global Disposable Medical Device Sensors Market, By Region
10.1 Introduction
10.2 North America
   10.2.1 U.S.
   10.2.2 Canada
10.3 Europe
   10.3.1 Germany
   10.3.2 France
   10.3.3 U.K.
   10.3.4 Italy
   10.3.5 Spain
   10.3.6 RoE
10.4 Asia-Pacific
   10.4.1 Japan
   10.4.2 China
   10.4.3 India
   10.4.4 Rest of APAC
10.5 RoW
   10.5.1 Latin America
   10.5.2 Middle East & Africa

11 Competitive Landscape
11.1 Overview
11.2 Competitive Situation and Trends
   11.2.1 New Product Launches
   11.2.2 Agreements, Partnerships, Collaborations, and Alliances
   11.2.3 Acquisitions
   11.2.4 Expansions

12 Company Profiles
(Overview, Financials, Products & Services, Strategy, & Developments)*
12.1 Medtronic PLC
12.2 Stmicroelectronics N.V.
12.3 Honeywell International, Inc.
12.4 TE Connectivity
12.5 Smiths Medical
12.6 GE Healthcare
12.7 Philips Healthcare
12.8 Freescale Semiconductor, Inc.
12.9 Analog Devices, Inc.
12.10 Omnivision Technologies Inc.

*Details on Financials, Product & Services, Strategy, & Developments Might Not Be Captured in Case of Unlisted Companies.

13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide
13.3 Other Developments
13.4 Available Customizations
13.5 Introducing RT: Real-Time Market Intelligence
13.6 Related Reports

List of Tables
Table 1 Rising Concerns Over Hais and Increasing Need to Curtail Healthcare Costs Through Low-Cost Medical Devices to Drive Market Growth
Table 2 Inadequate Reimbursement to Restrain Market Growth
Table 3 Emerging Markets to Provide Significant Growth Opportunities for Players
Table 4 Stringent Regulatory Procedures are A Major Challenge for Market Growth
Table 5 Global Market Size, By Product, 2013 - 2020 (USD Million)
Table 6 Global Biosensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 7 Global Pressure Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 8 Key Market Players in the Pressure Sensors Market, 2014
Table 9 Global Accelerometers Market Size, By Country, 2013 - 2020 (USD Million)
Table 10 Global Temperature Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 11 Key Market Players in the Temperature Sensors Market, 2014
Table 12 Global Image Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 13 Global Other Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 14 Global Market Size, By Placement of Sensors, 2013 - 2020 (USD Million)
Table 15 Global Strip Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 16 Global Wearable Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 17 Global Implantable Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 18 Global Invasive Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 19 Global Ingestible Sensors Market Size, By Country, 2013 - 2020 (USD Million)
Table 20 Global Disposable Medical Devices Sensors Market Size, By Application, 2013 - 2020 (USD Million)
Table 21 Global Diagnostic Testing Device Sensors Market Size, By Type, 2013 - 2020 (USD Million)
Table 22 Global Diagnostic Testing Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 23 Global Blood Glucose Test Strip Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 24 Global Pregnancy Test Strip Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 25 Global Drug and Alcohol Test Strip Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 26 Global HIV Test Strip Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 27 Global Therapeutic Medical Device Sensors Market Size, By Type of Device, 2013 - 2020 (USD Million)
Table 28 Global Therapeutic Medical Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 29 Global Dialysis Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 30 Global Cardiac Therapy Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 31 Global Cardiac Catheter Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 32 Global Insulin Pumps Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 33 Global Patient Monitoring Device Sensors Market Size, By Type, 2013 - 2020 (USD Million)
Table 34 Global Patient Monitoring Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 35 Global Continuous Blood Pressure Monitoring Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 36 Global Pulse Oximeter Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 37 Global Cardiac Monitoring Electrode Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 38 Global Continuous Glucose Monitoring Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 39 Global Implantable Loop Recorder Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 40 Global Smart Pill Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 41 Global Other Devices Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 42 Global Imaging Device Sensors Market Size, By Type, 2013 - 2020 (USD Million)
Table 43 Global Imaging Device Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 44 Global Capsule Endoscope Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 45 Global Disposable Endoscope Sensors Market Size, By Country/Region, 2013 - 2020 (USD Million)
Table 46 Global Disposable Medical Device Sensors Market Size, By Region, 2013 - 2020 (USD Million)
Table 47 North America: Market Size, By Country, 2013 - 2020 (USD Million)
Table 48 North America: Market Size, By Product, 2013 - 2020 (USD Million)
Table 49 North America: Market Size, By Placement of Sensors, 2013 - 2020 (USD Million)
Table 50 North America: Market Size, By Application, 2013 - 2020 (USD Million)
Table 51 North America: Market Size for Diagnostic Device Applications, By Type, 2013 - 2020 (USD Million)
Table 52 North America: Market Size for Therapeutic Device Applications, By Type, 2013 - 2020 (USD Million)
Table 53 North America: Market Size for Monitoring Device Applications, By Type, 2013 - 2020 (USD Million)
Table 54 North America: Market Size for Imaging Device Applications, By Type, 2013 - 2020 (USD Million)
Table 55 U.S.: Macroeconomic Indicators for the Market
2013 - 2020 (USD Million)

Table 182 Middle East and Africa: Disposable Medical Device Sensors Market Size, By Application, 2013 - 2020 (USD Million)
Table 183 Middle East and Africa: Disposable Medical Device Sensors Market Size for Diagnostic Device Applications, By Type, 2013 - 2020 (USD Million)
Table 184 Middle East and Africa: Disposable Medical Device Sensors Market Size for Therapeutic Device Applications, By Type, 2013 - 2020 (USD Million)
Table 185 Middle East and Africa: Market Size for Monitoring Device Applications, By Type, 2013 - 2020 (USD Million)
Table 186 Middle East and Africa: Disposable Medical Device Sensors Market Size for Imaging Device Applications, By Type, 2013 - 2020 (USD Million)
Table 187 Growth Strategy Matrix, 2012 - 2015
Table 188 Recent Developments: New Products Launches, 2012 - 2015
Table 189 Recent Developments: Agreements, Partnerships, Collaborations, and Alliances, 2012 - 2015
Table 190 Recent Developments: Acquisitions, 2012 - 2015
Table 191 Recent Developments: Expansions, 2012 - 2015

List of Figures

Figure 1 Global Disposable Medical Device Sensors Market
Figure 2 Global Disposable Medical Device Sensors Market, By Application
Figure 3 Research Design
Figure 4 Bottom-Up Approach
Figure 5 Top-Down Approach
Figure 6 Data Triangulation Methodology
Figure 7 Ingestible Sensors to Register Maximum Growth During the Forecast Period
Figure 8 Diagnostic Devices Dominated the Disposable Medical Device Sensors Market in 2014
Figure 9 The Biosensors Segment Will Continue to Dominate the Disposable Medical Device Sensors Market During the Forecast Period
Figure 10 Geographic Analysis: Global Disposable Medical Device Sensors Market (2014)
Figure 11 Attractive Growth Opportunities in the Global Disposable Medical Device Sensors Market
Figure 12 China Accounted for the Largest Share of the Asia-Pacific Disposable Medical Device Sensors Market, By Application, in 2014
Figure 13 The U.S. Dominated the Global Disposable Medical Device Sensors Market in 2014
Figure 14 North America Will Dominate the Disposable Medical Device Sensors Market During the Forecast Period
Figure 15 China to Register Highest Growth in the Forecast Period
Figure 16 Disposable Medical Device Sensors Market, By Product
Figure 17 Disposable Medical Device Sensors Market, By Application
Figure 18 Disposable Medical Device Sensors Market: Drivers, Restraints, Opportunities, and Challenges
Figure 19 Image Sensors to Register the Highest Growth Rate During the Forecast Period
Figure 20 Global Biosensors Market, By Key Player, 2014
Figure 21 APAC Strip Sensors Market to Provide Highest Growth Opportunity in the Forecast Period
Figure 22 Blood Glucose Test Strip Segment Dominate the Global Diagnostic Testing Device Sensors Market
Figure 23 Dialysis Device Sensors Dominate the Global Therapeutic Devices Application Segment
Figure 24 Cardiac Monitoring Electrode Sensors Dominate the Global Patient Monitoring Devices Application Segment
Figure 25 Geographic Snapshot (2015 - 2020): Global Disposable Medical Device Sensors Market
Figure 26 North America Disposable Medical Device Sensors Market: Snapshot
Figure 27 European Disposable Medical Device Sensors Market: Snapshot
Figure 28 APAC Disposable Medical Device Sensors Market: Snapshot
Figure 29 Market Players Majorly Adopted New Product Launches as Their Key Growth Strategy Between 2012 & 2015
Figure 30 Battle for Market Share: New Product Launches is the Key Growth Strategy Pursued By Players in the Disposable Medical Device Sensors Market
Figure 31 Geographic Revenue Mix of the Top 5 Market Players
Figure 32 Medtronic PLC: Company Snapshot
Figure 33 Stmicroelectronics.: Company Snapshot
Figure 34 Honeywell International, Inc.: Company Snapshot
Figure 35 TE Connectivity: Company Snapshot
Figure 36 Smiths Group PLC: Company Snapshot
Figure 37 GE Company: Company Snapshot
Figure 38 Royal Philips Electronics: Company Snapshot
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