

## Disposable Medical Sensors – A Global Market Overview

*“The report reviews, analyzes and projects the global market for Disposable Medical Sensors for the period 2017-2026. The Disposable Medical Sensors product types market analysis in this report contains Biosensors, Accelerometers, Pressure Sensors, Temperature Sensors and Other product types comprising Image Sensors, Humidity Sensors, Gas Flow Sensors etc. The report analyzes the market for Disposable Medical Sensors placement types comprising Strip Sensors, Wearable Sensors, Implantable Sensors, Invasive Sensors and Ingestible Sensors. Market for Disposable Medical Sensors Applications analyzed in this study includes Diagnostics, Therapeutics and Patient Monitoring.”*

Published: April 2020

Report Code: HC018

Pages: 406

Charts: 286

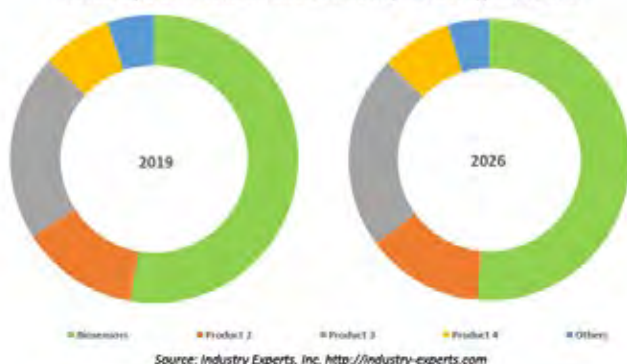
Price: \$4500 Single User License, \$7200 Enterprise License

### Report Synopsis

Rising incidences of chronic diseases such as cancer and increasing concern over contagion and hospital acquired Infections are the main factors driving the growth of Disposable Medical Sensors Market. Growing demand for low cost medical devices, technological advancement in sensor devices, utilization of implantable sensors in preclinical drug research, increasing demand for disposable image and wearable sensors are some of the factors fueling the Disposable Medical Sensors market. Factors such as inadequate reimbursement policies and stringent government regulation for medical sensors hamper the Disposable Medical Sensors market growth.

Biosensors is estimated the largest product type in the global Disposable Medical Sensors market, demand for which is anticipated to register 2019-2026 CAGR of 9.9% and reach a projected US\$7.1 billion by 2026. The overall Disposable Medical Sensors market, globally, forecast to reach about \$8 billion in 2020.

Global Disposable Medical Sensors Market by Product Type 2019-2026



### Research Findings & Coverage

- The global market research report on Disposable Medical Sensors analyzes the market with respect to product types, placement types and applications
- Disposable Medical Sensors market size is estimated/projected in this report by product types, placement types and applications
- Implantable Biodegradable Medical Sensors for Patient Monitoring
- Ingestible Nano Biosensors for Gut Monitorization

- Wearable Skin Sensor – An Alternative to Invasive Blood Tests
- Edible Sensors to Revolutionize TB Treatment
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 39
- The industry guide includes the contact details for 108 companies

### Product Outline

The market for product types of Disposable Medical Sensors studied in this report comprise the following:

- Biosensors
- Accelerometers
- Pressure Sensors
- Temperature Sensors
- Others

The placement types market of Disposable Medical Sensors studied in this report includes the following:

- Strip Sensors
- Wearable Sensors
- Implantable Sensors
- Invasive Sensors
- Ingestible Sensors

The report analyzes the market for the following applications of Disposable Medical Sensors:

- Diagnostics
- Therapeutics
- Patient Monitoring (Continuous Glucose Monitoring, Continuous BP Monitoring, Loop Monitor and Disposable Pulse Oximeter)

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Disposable Medical Sensors market for the period 2017-2026 in terms of value in US\$; and the compound annual growth rates (CAGRs) projected from 2019 through 2026.

### Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (Germany, United Kingdom, France, Italy, Spain and Rest of Europe)
- **Asia-Pacific** (China, Japan, India, Australia, South Korea and Rest of Asia-Pacific)
- **Rest of World** (Brazil, Argentina and Other RoW Countries)

## SAMPLE COMPANY PROFILE

### AMPHENOL ADVANCED SENSORS

967 Windfall Road, St. Marys, Pennsylvania 15857-3333  
 United States  
 Phone: +1 (814) 834-9140  
 Website: www.amphenol-sensors.com

#### Business Overview

Amphenol Advanced Sensors, a member of Amphenol-ASTG operating business group is engaged in offering extensive range of sensors, covering temperature, humidity and moisture, pressure, thermal validation, gas, position, vibration, ultrasonic and ultra-low pressure under Thermometrics, NovaSensor, Telaire, Protimeter and Kaye brands. The sensors product portfolio offered by the company for use in medical, pharmaceutical, industrial and transportation markets encompass Thermometrics temperature sensors; NovaSensor microelectromechanical systems (MEMS) pressure sensors, pressure transmitters, and pressure sensor die; Telaire non-dispersive infrared (NDIR) carbon dioxide (CO2), relative humidity & dust sensors; Protimeter moisture meters; and Kaye thermal validation & environmental monitoring sensors. The NovaSensor pressure sensors offered by the company are available as surface mount, hybrid and media-isolated sensors in uncalibrated to fully-calibrated levels, amplified analog and digital output versions.

#### Medical Sensors

Amphenol Advanced Sensors provides medical sensor technologies such as temperature, pressure, humidity and CO2 technologies for patient monitoring and critical care applications by offering accurate and reliable sensing devices for monitoring critical vitals.

Patient Monitoring Sensors	Product Particulars
Medical Instrumentation Sensors	Include Thermometrics Temperature Standards, Thermometrics Sensor Assemblies, Thermometrics PTC Thermistors, Thermometrics NTC Thermistors, Thermometrics Infrared (IR) Sensors, Thermometrics Current Limiters, Thermistor Stability Benchmarking series, Telaire CO2, Humidity & Temperature Sensors, NovaSensor pressure sensors available in varied pressures (low/medium/ harsh media/ absolute) with or without high sensitivity, <b>NovaSensor Disposable Medical Pressure Sensors</b> (for use in disposable medical applications)
Clinical Thermometry	Comprise Thermometrics Sensor Assemblies, Thermometrics NTC Thermistors, Thermometrics IR Sensors, Thermistor Stability Benchmarking series
Blood Pressure	Include Thermometrics Sensor Assemblies - Noise Immune Ring Terminal Temperature Sensors, <b>NovaSensor Disposable Medical Pressure Sensors</b> (for use in disposable medical applications)
Drug Delivery Applications	Include Thermometrics Sensor Assemblies, Thermometrics NTC Thermistors, Thermometrics IR Sensors, Thermistor Stability Benchmarking series, <b>NovaSensor Disposable Medical Pressure Sensors</b> (for use in disposable medical applications)

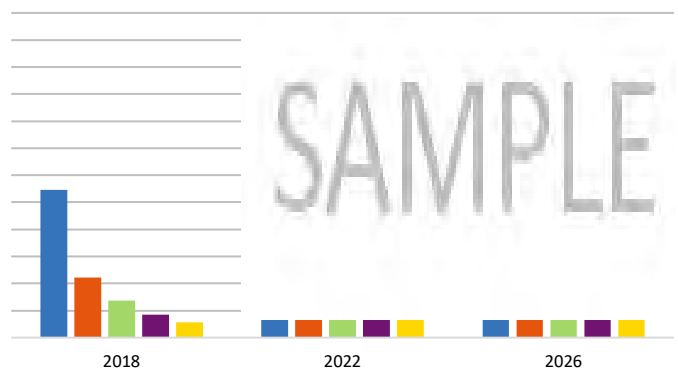
.....more

## SAMPLE TABLE/CHART

Glance at 2019 Global Disposable Medical Sensors Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World



North American Disposable Medical Sensors Market Analysis (2017-2026) by Product Type – Biosensors, Accelerometers, Pressure Sensors, Temperature Sensors and Others in USD Million



## KEY PLAYERS PROFILED

- Ambu A/S
- Amphenol Corporation
- Analog Devices, Inc.
- Drägerwerk AG & Co. KGaA
- First Sensor AG
- General Electric Company
- Gentag, Inc.
- Koninklijke Philips N.V.
- Medtronic PLC
- Merit Medical Systems, Inc.
- Omnivision Technologies, Inc.
- Sensirion AG
- Smiths Medical
- SSI Electronics, Inc.
- STMicroelectronics NV
- TE Connectivity Ltd.

.....more

## TABLE OF CONTENTS

### PART A: GLOBAL MARKET PERSPECTIVE..... 1

**1. INTRODUCTION .....1**

1.1 Product Outline ..... 3

1.1.1 Sensors and Application Areas ..... 3

1.1.2 Anatomy of Disposable Sensors ..... 3

1.1.2.1 Circuit ..... 3

1.1.2.2 Silver/Silver Electrode ..... 4

1.1.2.3 Hydrogels ..... 4

1.1.2.4 Adhesion of Medical Sensor to Human ..... 5

1.1.3 Materials for Disposable Sensors ..... 5

1.1.3.1 Standard Materials for MEMS/NEMS..... 5

1.1.3.2 Synthetic Polymers ..... 5

1.1.3.3 Cellulose Based Materials..... 6

1.1.3.4 Hybrid Material Systems ..... 6

1.1.4 Signal Detection Techniques for Disposable Sensors .7

1.1.4.1 Optical Methods ..... 7

1.1.4.2 Electrochemical Methods ..... 7

1.1.5 PRODUCT TYPES OF Disposable Medical Sensors ... 7

1.1.5.1 Biosensors ..... 7

1.1.5.2 Accelerometers..... 12

1.1.5.3 Pressure Sensors..... 12

1.1.5.4 Temperature Sensors ..... 13

1.1.5.5 Image Sensors ..... 13

1.1.5.6 Humidity sensors ..... 13

1.1.5.7 Gas flow Sensors..... 13

1.1.6 Disposable Medical Sensors' PLACEMENT TYPES . 14

1.1.6.1 Strip Sensors ..... 14

1.1.6.2 Wearable Sensors ..... 14

1.1.6.3 Implantable Sensors ..... 16

1.1.6.4 Invasive Sensors..... 16

1.1.6.5 Ingestible Sensors..... 16

1.1.7 APPLICATIONS OF Disposable Medical Sensors .. 17

1.1.7.1 Diagnostics ..... 17

1.1.7.2 Therapeutics ..... 18

1.1.7.3 Patient Monitoring ..... 18

1.1.7.3.1 Continuous Glucose Monitoring ..... 19

1.1.7.3.2 Continuous Blood Pressure Monitoring .... 19

1.1.7.3.3 Loop Monitor ..... 19

1.1.7.3.4 Pulse Oximeter ..... 19

**2. KEY MARKET TRENDS .....20**

2.1 Implantable Biodegradable Medical Sensors for Patient Monitoring..... 20

2.2 Ingestible Nano Biosensors for Gut Monitorization 20

2.3 Non-Invasive Hydration monitorization Using Disposable Sensors ..... 21

2.4 Wearable Skin Sensor – An Alternative to Invasive Blood Tests ..... 21

2.5 Wearable Disposable Respiratory Sensors Made of Toy Material..... 22

2.6 Edible Sensors to Revolutionize TB Treatment... 22

2.7 Sticker-Like Thin Wearable Disposable Sensors for Biomarker Monitorization ..... 22

**3 KEY GLOBAL PLAYERS.....23**

Ambu A/S (Denmark)..... 23

Amphenol Corporation (United States)..... 25

Amphenol Advanced Sensors (United States) ..... 26

Analog Devices, Inc. (United States)..... 28

Drägerwerk AG & Co. KGaA (Germany) ..... 29

First Sensor AG (Germany) ..... 31

General Electric Company (United States)..... 32

Gentag, Inc. (United States) ..... 33

Koninklijke Philips N.V. (The Netherlands)..... 34

Medtronic PLC (Ireland)..... 36

Merit Medical Systems, Inc. (United States)..... 39

Merit Sensor Systems, Inc. (United States) ..... 39

OmniVision Technologies, Inc. (United States) ..... 40

Sensirion AG (Switzerland) ..... 41

Smiths Medical (United States)..... 42

SSI Electronics, Inc. (United States) ..... 44

STMicroelectronics NV (Switzerland) ..... 45

TE Connectivity Ltd. (Switzerland) ..... 46

**4. KEY BUSINESS AND PRODUCT TRENDS .....48**

First Sensor Completely Taken Over by TE Connectivity . 48

Continuous RRP® Monitoring Modalities of Masimo Receives FDA Approval ..... 48

Inselet and Abbott Collaborate for Diabetic Care Technology Integration ..... 48

Formation of LifeSignals Group by Merger of LifeSignals portfolio and Renew Health..... 49

Announcement of Positive Outcomes from U.S. Pilot Study of C-Scan® System by Check Cap ..... 49

Expansion of Licensing Deal by Masimo and Dräger Masimo's Neonatal RD SET® Sensors with Increased Accuracy Gains FDA Approval ..... 50

Silicon Microstructures Acquired by TE Connectivity..... 50

OVM6948 and OV6948 of OmniVision Receives Guinness World Record ..... 50

Introduction of Pediatric Lullaby Line of Diagnostic Sensors by Dymedix ..... 51

Radius Capnography of Masimo Receives CE Mark ..... 51

Abbott's Alliance with Tandem to Fortify Diabetic Care.. 51

Introduction of Delta cHb, HbB, and O2Hb Indices for O3 by Masimo ..... 52

Development of Wearable Multi-Device Sensor Patch by GE 52

Envision™ Pro (CGM) System of Medtronic Receives CE Mark...52

Closure of Manufacturing Deal between GE and Check-Cap..53

SpHb® of Masimo Obtains CE Mark for Neonatal Application..... 53

Proclamation of Positive Outcomes of C-Scan by Check-Cap from Post CE Approval Study ..... 53

FDA Approves O3® Regional Oximetry of Masimo for Pediatric Use ..... 54

Partnership Extension by Masiomo and MIndray for Masimo SET®Pulse Oximetry ..... 54

Alpha Technics Completely Taken Over by TE Connectivity....54

Mayo Clinic Collaborates Check-Cap in C-Scan's U.S. Pilot Study ..... 54

Lifescan and Sanvita Signs a Distribution Deal for CGM Sensors..... 55

Radius PPG™ of Masimo Gains FDA Approval ..... 55

Initiation of U.S. Pilot Study of C-Scan by Check-Cap..... 55

Smiths Plans to Spin Off Smiths Medical..... 56

MightySat™ Rx of Masimo Receives FDA Approval to Measure RRP ..... 56

Integration of Liquid Flow Sensor LD20 into 4C Wearable Drug Delivery IoT Platform of Quantex ..... 56

Introduction of EK-F3x-CAP Evaluation Kit by Sensirion .. 57

Check-Cap Gains FDA Conditional Clearance of IDE to Begin C-Scan Pilot Trial..... 57

HemoSphere Platform Along with Support Tools of Edwards Gains FDA Approval..... 57

ImagineMed Alliance with LifeSignals to Leverage Cloud for Home Monitorization ..... 58

Creation of Novel Care Model by Employing mHealth Wearables..... 58

Masimo's RD SET® Sensors with Enhanced Accuracy Receives FDA Approval..... 58

Expansion of Pressure Sensor Production Capacity at First Sensor ..... 58

EPCOS AG Renamed to TDK Electronics AG ..... 59

Submission of IDE to FDA for C-Scan® by Check-Cap ..... 59

C-Scan® System of Check-Cap Gains Marketing Clearance from Israel ..... 59

RAS-45 Sensor of Masimo Receives FDA Approval for Pediatric Use ..... 59

Investigation of Masimo SET® Pulse Oximetry to Screen Kids with Down Syndrome ..... 60

Superior At-Home Patient Monitoring by VitalConnect .. 60

Dartmouth-Hitchcock Medical Center Utilizes Masimo Root®, Radius-7®, and Patient SafetyNet™ ..... 60

Study of Masimo PVi® Usage in Goal-Directed Fluid Management during Colorectal Surgery ..... 61

Wireless LP1100 Life Signal Patch of LifeSignals Receives FDA Approval..... 61

FreeStyle® Libre 14 day system of Abbott Gains FDA Approval ..... 61

Release of IEC 60601-Compliant MicroCam Touch™ by OmniVision and BioVision ..... 61

Introduction of OH01A by OmniVision for Disposable and Reusable Devices ..... 62

CapsoVision Signs a U.S. Distribution Deal with PENTAX. 62

LifeSignals, INQCEL and Dreamtech Alliance for LSP-based Wearables..... 62

Northwell and Philips Join to Enhance Patient Care and Satisfaction ..... 63

LifeSignal, 3M and STMicroelectronics Together Introduces LSP Product Family..... 63

Commencement of EU Post Clearance Trial of Advanced C-scan® by Check –Cap..... 63

Platinum Equity Presents Binding Proposal to Take Over LifeScan from Johnson..... 64

CE Mark Given to RD Rainbow Lite SET™ Sensors of Masimo ..... 64

FreeStyle® Libre System of Abbott is Now Available to Medicare Patients ..... 64

C-Scan System of Check-Cap Gains CE Mark Clearance ... 65

Extension of Manufacturing Deal between Check-Cap and GE ..... 65

VitalPatch Gets FDA Clearance for Extended Use ..... 65

Gentag Receives Patents for Wireless Diagnostics..... 65

Sensirion Introduces a Single-Use Liquid Flow Sensor LD20 for Biomedical Usage..... 66

Enhancement of CapsoCam Plus by CapsoVision's CapsoCloud..... 66

Initiation of CE Mark Registration Filing for C-Scan by Check-Cap ..... 66

Commercial Launch of RAS-45 Sensor by Masimo ..... 67

Investigation of Masimo's iSpO2® Rx Screening in Newborns for Heart Disease ..... 67

Launch of CapsoView 3.4 by CapsoVision..... 67

Release of Disposable ECG Sensor by Cardiac Insight ..... 68

ISO 13485:2012 Certification Renewal of Medical Technology Production Sites of First Sensor..... 68

Achievement of Development Milestone by Check-Cap and GE..... 68

O3™ Regional Oximetry of Masimo Receives FDA 510(k) approval for Pediatric Use..... 68

Masimo Offers RD SedLine® Adult EEG Sensor ..... 69

Publication of Study Relating to Masimo SpHb® Utilization during Liver Transplantation ..... 69

Release of Proximal Flow Sensors by Sensirion for Neonatology and Pediatric Use ..... 69

Next-Generation of IntelliVue Guardian Solution of Philips Gains FDA 510(k) Approval..... 70

MightySat™ Rx of Masimo Gains CE Marking for RRP Measurement ..... 70

First Patient Enrollment in Clinical Studies of C-Scan System for CE Mark by Check-Cp..... 70

**5. GLOBAL MARKET OVERVIEW .....71**

5.1 Global Disposable Medical Sensors Market Overview by Product Type..... 72

5.1.1 Disposable Medical Sensors Product Type Market Overview by Global Region ..... 74

5.1.1.1 Biosensors ..... 74

5.1.1.2 Accelerometers ..... 76

5.1.1.3 Pressure Sensors ..... 78

5.1.1.4 Temperature Sensors ..... 80

5.1.1.5 Other Disposable Medical Sensors..... 82

5.2 Global Disposable Medical Sensors Market Overview by Placement Type ..... 84

5.2.1 Disposable Medical Sensors Placement Type Market Overview by Global Region ..... 86

5.2.1.1 Strip Sensors..... 86

5.2.1.2 Wearable Sensors ..... 88

5.2.1.3 Implantable Sensors ..... 90

5.2.1.4 Invasive Sensors ..... 92

5.2.1.5 Ingestible Sensors ..... 94

5.3 Global Disposable Medical Sensors Market  
Overview by Application..... 96

5.3.1 Disposable Medical Sensors Application Market  
Overview by Global Region ..... 98

5.3.1.1 Diagnostics ..... 98

5.3.1.2 Therapeutics ..... 100

5.3.1.3 Patient Monitoring ..... 102

**PART B: REGIONAL MARKET PERSPECTIVE.....104**

**REGIONAL MARKET OVERVIEW..... 106**

**6. NORTH AMERICA ..... 106**

6.1 North American Disposable Medical Sensors  
Market Overview by Geographic Region..... 107

6.2 North American Disposable Medical Sensors  
Market Overview by Product Type ..... 109

6.2.1 Disposable Medical Sensors Product Type  
Market Overview by NA Region..... 111

6.2.1.1 Biosensors ..... 111

6.2.1.2 Accelerometers..... 113

6.2.1.3 Pressure Sensors..... 115

6.2.1.4 Temperature Sensors ..... 117

6.2.1.5 Other Disposable Medical Sensors..... 119

6.3 North American Disposable Medical Sensors  
Market Overview by Placement Type ..... 121

6.3.1 Disposable Medical Sensors Placement Type  
Market Overview by NA Region..... 123

6.3.1.1 Strip Sensors ..... 123

6.3.1.2 Wearable Sensors..... 125

6.3.1.3 Implantable Sensors ..... 127

6.3.1.4 Invasive Sensors..... 129

6.3.1.5 Ingestible Sensors..... 131

6.4 North American Disposable Medical Sensors  
Market Overview by Application ..... 133

6.4.1 Disposable Medical Sensors Application Market  
Overview by NA Region ..... 135

6.4.1.1 Diagnostics ..... 135

6.4.1.2 Therapeutics ..... 137

6.4.1.3 Patient Monitoring ..... 139

6.5 Major Market Players ..... 141

Abbott Laboratories (United States) ..... 141

Amphenol Corporation (United States)..... 142

Amphenol Advanced Sensors (United States)..... 143

Analog Devices, Inc. (United States)..... 145

Broadcom Inc. (United States) ..... 146

Capsovision, Inc. (United States) ..... 147

Edwards Lifesciences Corporation (United States)..... 148

General Electric Company (United States)..... 150

Gentag, Inc. (United States) ..... 151

HQ, Inc. (United States) ..... 152

ICU Medical, Inc. (United States) ..... 153

Lifescan (United States)..... 154

Lifesignals, Inc. (United States)..... 154

Merit Medical Systems, Inc. (United States)..... 155

Merit Sensor Systems, Inc. (United States) ..... 155

Olympus Corporation of The Americas (United States)..... 156

Omnivision Technologies, Inc. (United States) ..... 157

Proteus Digital Health, Inc. (United States) ..... 158

Smiths Medical (United States)..... 159

SSI Electronics, Inc. (United States)..... 161

Stellar Technology Inc. (United States) ..... 162

Vitalconnect Inc. (United States) ..... 162

6.6 Country-wise Analysis of North American  
Disposable Medical Sensors Market..... 163

**6.6.1 The United States..... 163**

6.6.1.1 United States Disposable Medical Sensors  
Market Overview by Product Type ..... 163

6.6.1.2 United States Disposable Medical Sensors  
Market Overview by Placement Type ..... 165

6.6.1.3 United States Disposable Medical Sensors  
Market Overview by Application ..... 167

**6.6.2 Canada..... 169**

6.6.2.1 Canadian Disposable Medical Sensors Market  
Overview by Product Type ..... 169

6.6.2.2 Canadian Disposable Medical Sensors Market  
Overview by Placement Type ..... 171

6.6.2.3 Canadian Disposable Medical Sensors Market  
Overview by Application..... 173

**6.6.3 Mexico ..... 175**

6.6.3.1 Mexican Disposable Medical Sensors Market  
Overview by Product Type ..... 175

6.6.3.2 Mexican Disposable Medical Sensors Market  
Overview by Placement Type ..... 177

6.6.3.3 Mexican Disposable Medical Sensors Market  
Overview by Application..... 179

**7. EUROPE ..... 181**

7.1 European Disposable Medical Sensors Market  
Overview by Geographic Region ..... 182

7.2 European Disposable Medical Sensors Market  
Overview by Product Type ..... 184

7.2.1 Disposable Medical Sensors Product Type  
Market Overview by European Region..... 186

7.2.1.1 Biosensors ..... 186

7.2.1.2 Accelerometers..... 188

7.2.1.3 Pressure Sensors..... 190

7.2.1.4 Temperature Sensors ..... 192

7.2.1.5 Other Disposable Medical Sensors..... 194

7.3 European Disposable Medical Sensors Market  
Overview by Placement Type ..... 196

7.3.1 Disposable Medical Sensors Placement Type  
Market Overview by European Region..... 198

7.3.1.1 Strip Sensors ..... 198

7.3.1.2 Wearable Sensors ..... 200

7.3.1.3 Implantable Sensors ..... 202

7.3.1.4 Invasive Sensors..... 204

7.3.1.5 Ingestible Sensors..... 206

7.4 European Disposable Medical Sensors Market  
Overview by Application..... 208

7.4.1 Disposable Medical Sensors Application Market  
Overview by European Region ..... 210

7.4.1.1 Diagnostics ..... 210

7.4.1.2 Therapeutics ..... 212

7.4.1.3 Patient Monitoring ..... 214

7.5 Major Market Players ..... 216

Ambu A/S (Denmark)..... 216

Drägerwerk AG & Co. KGaA (Germany) ..... 218

EnviteC-Wismar GmbH (Germany) ..... 220

First Sensor AG (Germany) ..... 221

Infineon Technologies AG (Germany) ..... 222

Koninklijke Philips N.V. (The Netherlands)..... 223

Masimo Corporation (Switzerland) ..... 225

Medtronic PLC (Ireland)..... 227

NXP Semiconductors Netherlands B.V. (The Netherlands)..... 230

Sensirion AG (Switzerland) ..... 231

STMMicroelectronics NV (Switzerland) ..... 232

TDK Electronics AG (Germany)..... 233

TE Connectivity Ltd. (Switzerland) ..... 234

7.6 Country-wise Analysis of European Disposable  
Medical Sensors Market ..... 236

**7.6.1 Germany..... 236**

7.6.1.1 German Disposable Medical Sensors Market  
Overview by Product Type ..... 236

7.6.1.2 German Disposable Medical Sensors Market  
Overview by Placement Type ..... 238

7.6.1.3 German Disposable Medical Sensors Market  
Overview by Application..... 240

**7.6.2 The United Kingdom..... 242**

7.6.2.1 United Kingdom Disposable Medical Sensors  
Market Overview by Product Type ..... 242

7.6.2.2 United Kingdom Disposable Medical Sensors  
Market Overview by Placement Type..... 244

7.6.2.3 United Kingdom Disposable Medical Sensors  
Market Overview by Application..... 246

**7.6.3 France ..... 248**

7.6.3.1 French Disposable Medical Sensors Market  
Overview by Product Type..... 248

7.6.3.2 French Disposable Medical Sensors Market  
Overview by Placement Type ..... 250

7.6.3.3 French Disposable Medical Sensors Market  
Overview by Application ..... 252

**7.6.4 Italy ..... 254**

7.6.4.1 Italian Disposable Medical Sensors Market  
Overview by Product Type..... 254

7.6.4.2 Italian Disposable Medical Sensors Market  
Overview by Placement Type ..... 256

7.6.4.3 Italian Disposable Medical Sensors Market  
Overview by Application ..... 258

**7.6.5 Spain ..... 260**

7.6.5.1 Spanish Disposable Medical Sensors Market  
Overview by Product Type..... 260

7.6.5.2 Spanish Disposable Medical Sensors Market  
Overview by Placement Type ..... 262

7.6.5.3 Spanish Disposable Medical Sensors Market  
Overview by Application ..... 264

**7.6.6 Rest of Europe ..... 266**

7.6.6.1 Rest of Europe Disposable Medical Sensors  
Market Overview by Product Type ..... 266

7.6.6.2 Rest of Europe Disposable Medical Sensors  
Market Overview by Placement Type..... 268

7.6.6.3 Rest of Europe Disposable Medical Sensors  
Market Overview by Application..... 270

**8. ASIA-PACIFIC..... 272**

8.1 Asia-Pacific Disposable Medical Sensors Market  
Overview by Geographic Region ..... 273

8.2 Asia-Pacific Disposable Medical Sensors Market  
Overview by Product Type..... 275

8.2.1 Disposable Medical Sensors Product Type  
Market Overview by Asia-Pacific Region ..... 277

8.2.1.1 Biosensors ..... 277

8.2.1.2 Accelerometers..... 279

8.2.1.3 Pressure Sensors..... 281

8.2.1.4 Temperature Sensors ..... 283

8.2.1.5 Other Disposable Medical Sensors..... 285

8.3 Asia-Pacific Disposable Medical Sensors Market  
Overview by Placement Type ..... 287

8.3.1 Disposable Medical Sensors Placement Type  
Market Overview by Asia-Pacific Region ..... 289

8.3.1.1 Strip Sensors..... 289

8.3.1.2 Wearable Sensors ..... 291

8.3.1.3 Implantable Sensors ..... 293

8.3.1.4 Invasive Sensors ..... 295

8.3.1.5 Ingestible Sensors ..... 297

8.4 Asia-Pacific Disposable Medical Sensors Market  
Overview by Application..... 299

8.4.1 Disposable Medical Sensors Application Market  
Overview by Asia-Pacific Region ..... 301

8.4.1.1 Diagnostics ..... 301

8.4.1.2 Therapeutics..... 303

8.4.1.3 Patient Monitoring ..... 305

8.5 Major Market Players ..... 307

Intromedic Co., Ltd. (South Korea) ..... 307

Jinshan Science & Technology (Group) Co., Ltd (China)..... 308

RF Co., Ltd. (Japan)..... 309

8.6 Country-wise Analysis of Asia-Pacific Disposable  
Medical Sensors Market ..... 310

**8.6.1 China..... 310**

8.6.1.1 Chinese Disposable Medical Sensors Market  
Overview by Product Type..... 310

8.6.1.2 Chinese Disposable Medical Sensors Market  
Overview by Placement Type ..... 312

8.6.1.3 Chinese Disposable Medical Sensors Market Overview by Application..... 314

**8.6.2 Japan ..... 316**

8.6.2.1 Japanese Disposable Medical Sensors Market Overview by Product Type ..... 316

8.6.2.2 Japanese Disposable Medical Sensors Market Overview by Placement Type..... 318

8.6.2.3 Japanese Disposable Medical Sensors Market Overview by Application..... 320

**8.6.3 India ..... 322**

8.6.3.1 Indian Disposable Medical Sensors Market Overview by Product Type ..... 322

8.6.3.2 Indian Disposable Medical Sensors Market Overview by Placement Type..... 324

8.6.3.3 Indian Disposable Medical Sensors Market Overview by Application..... 326

**8.6.4 Australia ..... 328**

8.6.4.1 Australian Disposable Medical Sensors Market Overview by Product Type ..... 328

8.6.4.2 Australian Disposable Medical Sensors Market Overview by Placement Type..... 330

8.6.4.3 Australian Disposable Medical Sensors Market Overview by Application..... 332

**8.6.5 South Korea ..... 334**

8.6.5.1 South Korean Disposable Medical Sensors Market Overview by Product Type ..... 334

8.6.5.2 South Korean Disposable Medical Sensors Market Overview by Placement Type ..... 336

8.6.5.3 South Korean Disposable Medical Sensors Market Overview by Application ..... 338

**8.6.6 Rest of Asia-Pacific ..... 340**

8.6.6.1 Rest of Asia-Pacific Disposable Medical Sensors Market Overview by Product Type ..... 340

8.6.6.2 Rest of Asia-Pacific Disposable Medical Sensors Market Overview by Placement Type..... 342

8.6.6.3 Rest of Asia-Pacific Disposable Medical Sensors Market Overview by Application ..... 344

**9. REST OF WORLD..... 346**

9.1 Rest of World Disposable Medical Sensors Market Overview by Geographic Region ..... 347

9.2 Rest of World Disposable Medical Sensors Market Overview by Product Type ..... 349

9.2.1 Disposable Medical Sensors Product Type Market Overview by RoW Region ..... 351

9.2.1.1 Biosensors ..... 351

9.2.1.2 Accelerometers..... 353

9.2.1.3 Pressure Sensors..... 355

9.2.1.4 Temperature Sensors ..... 357

9.2.1.5 Other Disposable Medical Sensors..... 359

9.3 Rest of World Disposable Medical Sensors Market Overview by Placement Type ..... 361

9.3.1 Disposable Medical Sensors Placement Type Market Overview by RoW Region ..... 363

9.3.1.1 Strip Sensors ..... 363

9.3.1.2 Wearable Sensors ..... 365

9.3.1.3 Implantable Sensors ..... 367

9.3.1.4 Invasive Sensors ..... 369

9.3.1.5 Ingestible Sensors ..... 371

9.4 Rest of World Disposable Medical Sensors Market Overview by Application..... 373

9.4.1 Disposable Medical Sensors Application Market Overview by RoW Region ..... 375

9.4.1.1 Diagnostics ..... 375

9.4.1.2 Therapeutics ..... 377

9.4.1.3 Patient Monitoring ..... 379

9.5 Check-Cap Ltd. (Israel) – A Major Player ..... 381

9.6 Country-wise Analysis of Rest of World Disposable Medical Sensors Market ..... 382

**9.6.1 Brazil..... 382**

9.6.1.1 Brazilian Disposable Medical Sensors Market Overview by Product Type..... 382

9.6.1.2 Brazilian Disposable Medical Sensors Market Overview by Placement Type ..... 384

9.6.1.3 Brazilian Disposable Medical Sensors Market Overview by Application ..... 386

**9.6.2 Argentina ..... 388**

9.6.2.1 Argentinean Disposable Medical Sensors Market Overview by Product Type ..... 388

9.6.2.2 Argentinean Disposable Medical Sensors Market Overview by Placement Type..... 390

9.6.2.3 Argentinean Disposable Medical Sensors Market Overview by Application..... 392

**9.6.3 Other Rest of World Countries..... 394**

9.6.3.1 Other RoW Countries Disposable Medical Sensors Market Overview by Product Type ..... 394

9.6.3.2 Other RoW Countries Disposable Medical Sensors Market Overview by Placement Type..... 396

9.6.3.3 Other RoW Countries Disposable Medical Sensors Market Overview by Application..... 398

**PART C: GUIDE TO THE INDUSTRY..... 400**

1. NORTH AMERICA..... 400

2. EUROPE ..... 402

3. ASIA-PACIFIC ..... 403

4. REST OF WORLD ..... 404

**PART D: ANNEXURE..... 405**

1. RESEARCH METHODOLOGY ..... 405

2. FEEDBACK ..... 407

**About Industry Experts**

Industry Experts’ market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

**More about Industry Experts**



**Industry Experts, Inc.**  
14726 Ramona Ave, Suite S2  
Chino, CA 91710  
Greater Los Angeles  
United States  
Phone: +1-320-iXPERTS (497-3787)  
Email: [info@industry-experts.com](mailto:info@industry-experts.com)

**India Office**  
1-7-19/C, Street No. 8, Habsiguda  
Hyderabad – 500007  
India  
Phone: +91-40-4018-1314  
Fax: +91-40-2715-7746  
Website: <http://industry-experts.com>