

## **Disposable Medical Sensors Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

Market Report | 2023-11-24 | 148 pages | IMARC Group

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### **Report description:**

The global disposable medical sensors market size reached US\$ 8.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 13.6 Billion by 2028, exhibiting a growth rate (CAGR) of 9.25% during 2022-2028.

Disposable medical sensors refer to single-use, hand-held and portable scanning devices used for diagnosis, patient monitoring and therapeutic applications. They are usually integrated into stationary medical devices for on-site patient observation and remote monitoring. Some of the commonly used disposable medical sensors include accelerometers, pressure, temperature, image and biosensors, which are placed on strips, wearable, implantable, invasive and ingestible sensors. These devices detect and transmit information regarding vital signs, such as heart rate, oxygen levels, pulse rate and temperature, in the form of electrical signals. As a result, they are widely used for various cardiological, radiological, neurological, ophthalmological and urological procedures.

#### **Disposable Medical Sensors Market Trends:**

The increasing prevalence of chronic medical ailments, such as cancer, diabetes, asthma and stroke, is one of the key factors driving the growth of the market. Moreover, widespread adoption of at-home and point-of-care (PoC) diagnostic devices for the monitoring of elderly and post-operative rehabilitation patients is providing a thrust to the market growth. Disposable medical sensors are highly cost-effective, convenient to use and provide prompt and accurate results. In line with this, rising instances of hospital-acquired infections (HAIs), which can be prevented by using single-patient disposable medical sensors, are also contributing to the market growth. Additionally, various technological advancements, such as the development of carbon nanotube-based biosensors, which are used for the detection of E. coli and other pathogens, are acting as other growth-inducing factors. Product manufacturers are also integrating micro-technologies, such as medical Micro-Electro-Mechanical Systems (MEMS), microfluidic chips and lab-on-a-chip systems for monitoring of the patients with enhanced precision. Other factors, including rising expenditure capacities of the masses, along with extensive improvements in the healthcare infrastructure, especially of the developing economies, are anticipated to drive the market toward growth.

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#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global disposable medical sensors market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, placement type, application and end user.

#### Breakup by Product Type:

- Biosensors
- Temperature Sensors
- Pressure Sensors
- Image sensors
- Accelerometers and Patient Position Sensors
- Others

#### Breakup by Placement Type:

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

#### Breakup by Application:

- Patient Monitoring
- Continuous Blood Pressure Monitoring
- Implantable Loop Recorder
- Cardiac Monitoring Electrode
- Pulse Oximeter
- Smart Pill
- Continuous Blood Glucose Monitoring (CGM)
- Others
- Diagnostics
- Capsule Endoscopes
- HIV Test Strip Sensors
- Pregnancy Test Strip Sensors
- Drug and Alcohol Test Strip Sensors
- Blood Glucose Test Strip Sensors
- Therapeutics
- Insulin Pump Sensors
- Cardiac Therapeutic Electrode Sensors
- Cardiac Catheter Sensors

#### Breakup by End User:

- Hospitals

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Home Care  
Clinics  
Diagnostic Laboratories

#### Breakup by Region:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Abbott Laboratories, Amphenol Corporation, Conmed Corporation, Gentag Inc., Honeywell International Inc., nuova Personaldienstleistung GmbH, Omnivision Technologies Inc., Sensirion Holding AG, Smiths Group plc, Starboard Medical Inc., TE Connectivity Ltd. and Vital Connect Inc.

#### Key Questions Answered in This Report

1. What was the size of the global disposable medical sensors market in 2022?
2. What is the expected growth rate of the global disposable medical sensors market during 2023-2028?
3. What are the key factors driving the global disposable medical sensors market?
4. What has been the impact of COVID-19 on the global disposable medical sensors market?
5. What is the breakup of the global disposable medical sensors market based on the product type?
6. What is the breakup of the global disposable medical sensors market based on the placement type?
7. What is the breakup of the global disposable medical sensors market based on the application?
8. What is the breakup of the global disposable medical sensors market based on the end user?
9. What are the key regions in the global disposable medical sensors market?

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10. Who are the key players/companies in the global disposable medical sensors market?

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