

# **Ingestible Sensor Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Sensor, Wearable Patch/ Data Recorder and Software), By Sensor (Temperature Sensor, Pressure Sensor, pH Sensor and Image Sensor), By Vertical (Medical and Sports & Fitness), By Region, By Competition, 2018-2028**

<https://marketpublishers.com/r/I4ABAD675DD8EN.html>

Date: November 2023

Pages: 178

Price: US\$ 4,900.00 (Single User License)

ID: I4ABAD675DD8EN

## **Abstracts**

Global Ingestible Sensor Market was valued at USD 1.08 billion in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 14.19% through 2028.

The Ingestible Sensor market refers to the rapidly evolving sector within the healthcare and medical technology industry that focuses on the development, manufacturing, and commercialization of ingestible sensors or smart pills. These sensors are designed to be swallowed like conventional pills or capsules and are equipped with advanced sensing technologies to collect real-time data within the human body.

Ingestible sensors are revolutionizing healthcare by providing continuous, non-invasive monitoring of various physiological parameters, such as temperature, pH levels, biomarkers, and medication adherence. They have applications in the diagnosis, treatment, and management of a wide range of medical conditions, including chronic diseases, gastrointestinal disorders, and drug administration.

Key components of the Ingestible Sensor market include research and development, regulatory compliance, manufacturing, and the integration of data collected from these sensors into healthcare systems. This market is driven by factors such as rising chronic

disease prevalence, technological advancements, the aging population, telemedicine, and regulatory support. It also faces challenges related to data privacy, security, cost, and accessibility. The Ingestible Sensor market represents a promising intersection of healthcare, technology, and innovation, with the potential to improve patient outcomes and healthcare delivery.

## Key Market Drivers

### Rising Chronic Disease Prevalence and Healthcare Costs

The global Ingestible Sensor market is witnessing a significant surge due to the increasing prevalence of chronic diseases and the associated healthcare costs. Chronic diseases, such as diabetes, cardiovascular conditions, and gastrointestinal disorders, are on the rise worldwide. These conditions require continuous monitoring to manage effectively. Ingestible sensors offer a non-invasive, convenient, and cost-effective solution for collecting real-time data on patients' health status.

Moreover, healthcare costs continue to escalate, straining healthcare systems and budgets. As a result, healthcare providers and payers are actively seeking innovative and cost-efficient ways to manage chronic diseases. Ingestible sensors, by facilitating early detection and continuous monitoring, present a promising approach to reducing healthcare expenditures while improving patient outcomes.

### Technological Advancements in Sensor Miniaturization

Miniaturization and advancements in sensor technology have been pivotal drivers in the global Ingestible Sensor market. In recent years, sensors have become smaller, more efficient, and more sophisticated. These miniaturized sensors are easily ingested, ensuring patient comfort and compliance.

With the development of microelectronics and nanotechnology, ingestible sensors can now provide real-time data on various health parameters, such as temperature, pH levels, and biomarkers. These technological breakthroughs are making ingestible sensors more accessible and acceptable to both patients and healthcare professionals. As sensors continue to shrink in size while improving in performance, their applications in healthcare expand, further fueling market growth.

### Growing Aging Population

The world's demographic landscape is shifting, with a growing aging population being a major driver of the Ingestible Sensor market. As populations age, the prevalence of age-related health conditions, such as heart disease, osteoporosis, and cognitive disorders, also rises. This has created a pressing need for continuous health monitoring and management.

Ingestible sensors are particularly valuable for the elderly, as they enable early detection of health issues and can support aging individuals in living more independently and safely. Healthcare providers and caregivers can remotely monitor vital signs and medication adherence, providing timely interventions when necessary. This demographic trend is expected to continue, making the Ingestible Sensor market a vital component of elder care and healthcare delivery.

### Telemedicine and Remote Patient Monitoring

The rise of telemedicine and remote patient monitoring, accelerated by the COVID-19 pandemic, has been a substantial driver for the Ingestible Sensor market. These technological solutions have become integral to healthcare, offering convenient and accessible ways to deliver medical services and monitor patients' conditions.

Ingestible sensors play a pivotal role in telemedicine and remote monitoring, enabling healthcare providers to collect real-time data on patients' vital signs, medication adherence, and disease progression. This not only enhances the quality of care but also reduces the burden on healthcare systems, minimizes the need for in-person visits, and increases patient engagement. As telemedicine and remote patient monitoring continue to grow, so does the demand for Ingestible Sensors.

### Regulatory Support and Approval

Regulatory bodies, such as the U.S. Food and Drug Administration (FDA) and the European Medicines Agency (EMA), have been actively working to establish clear guidelines and approval processes for the use of ingestible sensors in healthcare. This regulatory support and approval have provided a framework for companies to develop and commercialize ingestible sensor-based medical devices.

The regulatory green light gives both healthcare providers and consumers confidence in the safety and effectiveness of ingestible sensors. It has also boosted investment and innovation in the field as companies work to meet regulatory requirements, ensuring that these devices are reliable and meet stringent quality standards.

## Consumer Demand for Health and Wellness Monitoring

Increasing consumer interest in health and wellness monitoring has become a significant driver for the Ingestible Sensor market. People are becoming more proactive about their health, seeking personalized data on their well-being. Ingestible sensors offer a convenient and non-invasive means to collect this data, providing insights into various health parameters.

Consumers are eager to track their fitness, nutrition, and overall health through wearable and ingestible devices. This trend is also spurring innovation as companies develop user-friendly, data-sharing platforms that empower individuals to take control of their health. The consumer-driven demand for health and wellness monitoring continues to be a driving force behind the growth of the Ingestible Sensor market.

In summary, the global Ingestible Sensor market is driven by a convergence of factors, including the increasing prevalence of chronic diseases, advancements in sensor technology, the growing aging population, the expanding use of telemedicine, regulatory support and approval, and a surging demand for health and wellness monitoring. These drivers collectively contribute to the growth and adoption of Ingestible Sensors in the healthcare industry.

## Government Policies are Likely to Propel the Market

### Regulation and Approval Frameworks

Government policies play a crucial role in shaping the Ingestible Sensor market through the establishment of regulatory frameworks. Agencies like the U.S. Food and Drug Administration (FDA) in the United States and the European Medicines Agency (EMA) in Europe are responsible for evaluating and approving medical devices, including ingestible sensors. These agencies set forth stringent guidelines to ensure the safety, efficacy, and quality of such devices before they reach the market.

These regulatory policies provide a structured pathway for manufacturers to bring ingestible sensors to market, which fosters consumer and healthcare provider confidence. By ensuring that devices meet rigorous safety and performance standards, governments contribute to the overall credibility and growth of the Ingestible Sensor market. These regulations may involve pre-market approvals, post-market surveillance, and continuous monitoring to guarantee product safety and effectiveness.

## Healthcare Reimbursement Policies

Government healthcare policies significantly impact the adoption of Ingestible Sensors, particularly in terms of reimbursement. In many countries, governments play a central role in financing healthcare services, and reimbursement policies dictate how healthcare providers are compensated for using or prescribing ingestible sensors.

Reimbursement policies can incentivize the use of these devices by ensuring that healthcare providers are compensated adequately for their use. When governments cover the cost of using ingestible sensors as part of healthcare services, it reduces financial barriers for patients and providers. This, in turn, encourages greater adoption of Ingestible Sensors and fosters a more accessible and cost-effective healthcare system.

## Data Privacy and Security Regulations

Ingestible Sensors collect sensitive health data from patients, which necessitates robust data privacy and security policies. Governments worldwide have implemented regulations like the Health Insurance Portability and Accountability Act (HIPAA) in the United States or the General Data Protection Regulation (GDPR) in Europe to protect individuals' health data.

These policies dictate how healthcare organizations, including those using Ingestible Sensors, must handle and protect patients' health information. Such regulations are vital in building trust among patients, healthcare providers, and device manufacturers, ensuring that sensitive health data remains confidential and secure.

## Intellectual Property and Patent Regulations

Intellectual property and patent regulations influence innovation and competition in the Ingestible Sensor market. Governments provide legal protection through patents, trademarks, and copyrights, encouraging companies to invest in research and development.

Patents allow companies to protect their innovations, including sensor technology, data analysis algorithms, and device designs. Governments aim to strike a balance between granting exclusive rights to encourage innovation and ensuring that intellectual property rights do not stifle competition. These regulations shape the competitive landscape,

influencing how companies enter the market, collaborate, and protect their intellectual property.

### Tax Incentives and Grants

Governments may offer tax incentives and grants to encourage research and development in the Ingestible Sensor field. These incentives can include tax credits for companies investing in innovation or grants for academic and research institutions conducting relevant studies.

By providing financial support, governments stimulate innovation and create a conducive environment for startups and established companies to pursue research and development projects in the Ingestible Sensor sector. These policies play a pivotal role in fostering technological advancements and economic growth in the field.

### Public Health Initiatives and Education

Government policies can also involve public health initiatives and education campaigns to raise awareness about Ingestible Sensors. By actively promoting the benefits of these devices for preventive healthcare, early disease detection, and chronic disease management, governments can encourage their adoption.

These policies can include funding for public health programs, collaborations with healthcare providers, and educational campaigns aimed at patients and healthcare professionals. By facilitating greater understanding and acceptance of Ingestible Sensors, governments contribute to their wider use in the healthcare ecosystem.

In summary, government policies in the Ingestible Sensor market encompass regulatory approval frameworks, healthcare reimbursement policies, data privacy and security regulations, intellectual property protection, tax incentives and grants, and public health initiatives. These policies significantly shape the landscape of the Ingestible Sensor market, influencing product development, adoption, and the overall success of these innovative healthcare technologies.

### Key Market Challenges

#### Data Privacy and Security Concerns

One of the most pressing challenges confronting the global Ingestible Sensor market is

data privacy and security concerns. Ingestible sensors are designed to collect sensitive health data continuously from patients. While this data is invaluable for healthcare professionals in diagnosing and monitoring medical conditions, it also raises critical privacy and security issues.

The challenges surrounding data privacy and security can be classified into several aspects:

**Data Breaches and Unauthorized Access:** Ingestible sensors transmit patient data wirelessly to external devices, such as smartphones or cloud servers. This data can be vulnerable to cyberattacks and unauthorized access. Hackers may attempt to intercept, steal, or manipulate the data, potentially leading to grave consequences for patient privacy and safety.

**Patient Consent and Control:** Patients may be concerned about who has access to their health data and how it is used. Challenges arise in ensuring that patients provide informed consent for data collection and that they have control over who can access their data. Balancing the convenience of remote monitoring with patient control and consent is a complex task.

**Regulatory Compliance:** The data privacy landscape is highly regulated, with laws like HIPAA in the United States and GDPR in Europe imposing strict requirements on how healthcare data is handled. Complying with these regulations while leveraging the benefits of Ingestible Sensors is a substantial challenge for healthcare organizations and device manufacturers.

**Data Interoperability:** Ingestible sensors often need to interface with a wide array of healthcare information systems, creating challenges in ensuring seamless data interoperability and secure data transfer.

To address these concerns, stakeholders in the Ingestible Sensor market, including device manufacturers and healthcare organizations, must invest in robust security measures, encryption protocols, and compliance with data privacy regulations. Transparent communication with patients regarding data usage and strong consent mechanisms are also essential. The development of secure data platforms that ensure privacy and security while enabling efficient healthcare data exchange is a critical area of focus.

## Cost and Accessibility

Cost and accessibility challenges represent significant barriers to the broader adoption of Ingestible Sensors. While these devices offer valuable health monitoring capabilities, the expenses associated with development, manufacturing, and acquisition can limit their availability to a broader demographic of patients and healthcare providers.

**Manufacturing Costs:** Developing and manufacturing Ingestible Sensors involves sophisticated technology and materials. Miniaturization, sensor integration, and wireless communication components can drive up production costs. These expenses often trickle down to end-users, making the devices less affordable.

**Healthcare Costs:** Even when Ingestible Sensors are successfully adopted, patients and healthcare providers may face additional costs related to data management, monitoring, and follow-up care. Insurance coverage for these technologies varies, and reimbursement policies can affect the financial feasibility of using Ingestible Sensors for certain conditions.

**Healthcare Disparities:** The cost of Ingestible Sensors can exacerbate healthcare disparities. Patients with limited financial resources may be unable to access these devices, potentially creating a divide in healthcare outcomes. Vulnerable populations, including those without insurance or in low-resource regions, may face challenges in adopting this technology.

**Market Competition and Innovation:** As the Ingestible Sensor market grows, competition among manufacturers can drive innovation and potentially lead to cost reductions. However, finding a balance between cost-effectiveness and maintaining the high quality and accuracy of these devices is an ongoing challenge.

To address these cost and accessibility challenges, stakeholders in the Ingestible Sensor market must collaborate to develop affordable yet high-quality devices. Governments and healthcare organizations may need to develop reimbursement policies that make Ingestible Sensors more accessible to patients, particularly those with chronic conditions who stand to benefit the most from continuous monitoring. Efforts to reduce manufacturing costs, increase market competition, and enhance insurance coverage can further alleviate these challenges and promote widespread adoption.

## Segmental Insights



## Sensor Insights

The Sensor segment held the largest Market share in 2022. Sensors are the fundamental component of ingestible sensors. They are responsible for collecting essential data from within the body, such as temperature, pH levels, or biomarkers. This data is critical for monitoring health conditions and providing valuable insights to healthcare providers and patients. Sensors are at the heart of what makes ingestible sensors effective. Advances in sensor technology have led to the miniaturization of sensors, making them small enough to be encapsulated in a pill or capsule. These tiny sensors are capable of real-time data collection and transmission, making them indispensable for the intended purpose of ingestible sensors. Sensors are designed to provide highly accurate and reliable data. This is essential in healthcare applications where the data collected must be dependable for diagnostic and treatment decisions. The accuracy and reliability of the sensor component contribute significantly to the credibility of ingestible sensors. Ingestible sensors offer a non-invasive and patient-friendly approach to monitoring health. This is a key advantage for patients who may prefer this method over traditional invasive procedures. The sensor is responsible for enabling this non-invasive approach. Ingestible sensors can provide continuous monitoring, which is especially important for managing chronic conditions. The sensor's ability to collect data continuously and in real-time sets ingestible sensors apart from other monitoring methods.

## Temperature Sensor Insights

The Temperature Sensor segment held the largest Market share in 2022. Temperature is a fundamental and vital physiological parameter used in healthcare. It is often one of the first indicators of illness or abnormal health conditions, such as fever, infections, or inflammatory responses. Monitoring body temperature is crucial in various medical applications, making temperature sensors a common and essential component of ingestible sensors. Temperature sensors are versatile and find applications in a wide range of medical scenarios, from detecting fevers in infectious diseases to monitoring core body temperature during surgeries or diagnostic procedures. They are used for both diagnosing and managing health conditions. Ingestible temperature sensors offer non-invasive and patient-friendly monitoring. They eliminate the need for invasive procedures like blood tests or tissue sampling. This non-invasive aspect is particularly appealing to patients, making ingestible temperature sensors more widely accepted. Temperature sensors can provide continuous and real-time data, allowing healthcare providers to monitor changes and trends over time. This continuous monitoring is especially valuable in cases where temperature variations need close attention, such as

post-operative care or long-term disease management. Temperature sensors are relatively straightforward to integrate into ingestible sensors. Their design is less complex than certain other sensor types, making them easier to incorporate into the form factor of ingestible capsules or pills. Temperature changes can be early indicators of various health issues, including infections. By detecting these changes promptly, healthcare professionals can initiate appropriate interventions, potentially improving patient outcomes.

## .Regional Insights

### North America:

North America was the largest market for ingestible sensors, accounting for over 40% of the global market share in 2022. The growth of the market in North America is attributed to the increasing prevalence of chronic diseases, the growing demand for remote patient monitoring, and the favorable regulatory landscape.

The North American ingestible sensor market is led by the United States, which accounts for over 90% of the regional market share. The US market is driven by the high prevalence of chronic diseases, the growing demand for remote patient monitoring, and the favorable regulatory landscape. Other key markets in North America include Canada and Mexico.

### Europe:

Europe was the second-largest market for ingestible sensors, accounting for over 30% of the global market share in 2022. The growth of the market in Europe is attributed to the increasing prevalence of chronic diseases, the growing demand for personalized healthcare, and the supportive government initiatives.

The European ingestible sensor market is led by the United Kingdom, Germany, and France. These countries have a high prevalence of chronic diseases and a growing demand for personalized healthcare. Other key markets in Europe include Italy, Spain, and the Netherlands.

### Asia Pacific:

Asia Pacific was the fastest-growing market for ingestible sensors, with a CAGR of over 12% during the forecast period. The growth of the market in Asia Pacific is attributed to

the rising disposable incomes, the increasing prevalence of chronic diseases, and the growing demand for innovative healthcare solutions.

The Asia Pacific ingestible sensor market is led by China, Japan, and India. These countries have a large and growing population, a rising prevalence of chronic diseases, and a growing demand for innovative healthcare solutions. Other key markets in Asia Pacific include South Korea, Australia, and Taiwan.

### Key Market Players

RF Co. Ltd

CapsoVision Inc.

Medtronic Inc

Olympus Corporation

Given Imaging Ltd.

Medimetrics

Microchips Biotech, Inc.

Check-Cap Ltd

IntroMedic Co., Ltd.

Sensirion AG.

### Report Scope:

In this report, the Global Ingestible Sensor Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Ingestible Sensor Market, By Component:

Sensor

Wearable Patch/ Data Recorder

Software

Ingestible Sensor Market, By Sensor:

Temperature Sensor

Pressure Sensor

pH Sensor

Image Sensor

Ingestible Sensor Market, By Vertical:

Medical

Sports & Fitness

Ingestible Sensor Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Ingestible Sensor Market.

Available Customizations:

Global Ingestible Sensor Market report with the given Market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional Market players (up to five).

## Contents

### **1. PRODUCT OVERVIEW**

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
- 1.3. Key Market Segmentations

### **2. RESEARCH METHODOLOGY**

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
  - 2.5.1. Secondary Research
  - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
  - 2.6.1. The Bottom-Up Approach
  - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
  - 2.8.1. Data Triangulation & Validation

### **3. EXECUTIVE SUMMARY**

### **4. VOICE OF CUSTOMER**

### **5. GLOBAL INGESTIBLE SENSOR MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Component (Sensor, Wearable Patch/ Data Recorder and Software),
  - 5.2.2. By Sensor (Temperature Sensor, Pressure Sensor, pH Sensor and Image

Sensor),

5.2.3. By Vertical (Medical and Sports & Fitness)

5.2.4. By Region

5.2.5. By Company (2022)

5.3. Market Map

## **6. NORTH AMERICA INGESTIBLE SENSOR MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Component

6.2.2. By Sensor

6.2.3. By Vertical

6.2.4. By Country

6.3. North America: Country Analysis

6.3.1. United States Ingestible Sensor Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Component

6.3.1.2.2. By Sensor

6.3.1.2.3. By Vertical

6.3.2. Canada Ingestible Sensor Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Component

6.3.2.2.2. By Sensor

6.3.2.2.3. By Vertical

6.3.3. Mexico Ingestible Sensor Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Component

6.3.3.2.2. By Sensor

6.3.3.2.3. By Vertical

## **7. EUROPE INGESTIBLE SENSOR MARKET OUTLOOK**



- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Component
  - 7.2.2. By Sensor
  - 7.2.3. By Vertical
  - 7.2.4. By Country
- 7.3. Europe: Country Analysis
  - 7.3.1. Germany Ingestible Sensor Market Outlook
    - 7.3.1.1. Market Size & Forecast
      - 7.3.1.1.1. By Value
    - 7.3.1.2. Market Share & Forecast
      - 7.3.1.2.1. By Component
      - 7.3.1.2.2. By Sensor
      - 7.3.1.2.3. By Vertical
  - 7.3.2. United Kingdom Ingestible Sensor Market Outlook
    - 7.3.2.1. Market Size & Forecast
      - 7.3.2.1.1. By Value
    - 7.3.2.2. Market Share & Forecast
      - 7.3.2.2.1. By Component
      - 7.3.2.2.2. By Sensor
      - 7.3.2.2.3. By Vertical
  - 7.3.3. Italy Ingestible Sensor Market Outlook
    - 7.3.3.1. Market Size & Forecast
      - 7.3.3.1.1. By Value
    - 7.3.3.2. Market Share & Forecast
      - 7.3.3.2.1. By Component
      - 7.3.3.2.2. By Sensor
      - 7.3.3.2.3. By Vertical
  - 7.3.4. France Ingestible Sensor Market Outlook
    - 7.3.4.1. Market Size & Forecast
      - 7.3.4.1.1. By Value
    - 7.3.4.2. Market Share & Forecast
      - 7.3.4.2.1. By Component
      - 7.3.4.2.2. By Sensor
      - 7.3.4.2.3. By Vertical
  - 7.3.5. Spain Ingestible Sensor Market Outlook
    - 7.3.5.1. Market Size & Forecast

- 7.3.5.1.1. By Value
- 7.3.5.2. Market Share & Forecast
  - 7.3.5.2.1. By Component
  - 7.3.5.2.2. By Sensor
  - 7.3.5.2.3. By Vertical

## **8. ASIA-PACIFIC INGESTIBLE SENSOR MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Component
  - 8.2.2. By Sensor
  - 8.2.3. By Vertical
  - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. China Ingestible Sensor Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Component
      - 8.3.1.2.2. By Sensor
      - 8.3.1.2.3. By Vertical
  - 8.3.2. India Ingestible Sensor Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Component
      - 8.3.2.2.2. By Sensor
      - 8.3.2.2.3. By Vertical
  - 8.3.3. Japan Ingestible Sensor Market Outlook
    - 8.3.3.1. Market Size & Forecast
      - 8.3.3.1.1. By Value
    - 8.3.3.2. Market Share & Forecast
      - 8.3.3.2.1. By Component
      - 8.3.3.2.2. By Sensor
      - 8.3.3.2.3. By Vertical
  - 8.3.4. South Korea Ingestible Sensor Market Outlook
    - 8.3.4.1. Market Size & Forecast

- 8.3.4.1.1. By Value
- 8.3.4.2. Market Share & Forecast
  - 8.3.4.2.1. By Component
  - 8.3.4.2.2. By Sensor
  - 8.3.4.2.3. By Vertical
- 8.3.5. Australia Ingestible Sensor Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Component
    - 8.3.5.2.2. By Sensor
    - 8.3.5.2.3. By Vertical

## **9. SOUTH AMERICA INGESTIBLE SENSOR MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Component
  - 9.2.2. By Sensor
  - 9.2.3. By Vertical
  - 9.2.4. By Country
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Ingestible Sensor Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Component
      - 9.3.1.2.2. By Sensor
      - 9.3.1.2.3. By Vertical
  - 9.3.2. Argentina Ingestible Sensor Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value
    - 9.3.2.2. Market Share & Forecast
      - 9.3.2.2.1. By Component
      - 9.3.2.2.2. By Sensor
      - 9.3.2.2.3. By Vertical
  - 9.3.3. Colombia Ingestible Sensor Market Outlook
    - 9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Component

9.3.3.2.2. By Sensor

9.3.3.2.3. By Vertical

## **10. MIDDLE EAST AND AFRICA INGESTIBLE SENSOR MARKET OUTLOOK**

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Component

10.2.2. By Sensor

10.2.3. By Vertical

10.2.4. By Country

10.3. Middle East and Africa: Country Analysis

10.3.1. South Africa Ingestible Sensor Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Component

10.3.1.2.2. By Sensor

10.3.1.2.3. By Vertical

10.3.2. Saudi Arabia Ingestible Sensor Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Component

10.3.2.2.2. By Sensor

10.3.2.2.3. By Vertical

10.3.3. UAE Ingestible Sensor Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Component

10.3.3.2.2. By Sensor

10.3.3.2.3. By Vertical

10.3.4. Kuwait Ingestible Sensor Market Outlook

10.3.4.1. Market Size & Forecast

- 10.3.4.1.1. By Value
- 10.3.4.2. Market Share & Forecast
  - 10.3.4.2.1. By Component
  - 10.3.4.2.2. By Sensor
  - 10.3.4.2.3. By Vertical
- 10.3.5. Turkey Ingestible Sensor Market Outlook
  - 10.3.5.1. Market Size & Forecast
    - 10.3.5.1.1. By Value
  - 10.3.5.2. Market Share & Forecast
    - 10.3.5.2.1. By Component
    - 10.3.5.2.2. By Sensor
    - 10.3.5.2.3. By Vertical

## **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

## **13. COMPANY PROFILES**

- 13.1. RF Co. Ltd
  - 13.1.1. Business Overview
  - 13.1.2. Key Revenue and Financials
  - 13.1.3. Recent Developments
  - 13.1.4. Key Personnel/Key Contact Person
  - 13.1.5. Key Product/Services Offered
- 13.2. CapsoVision Inc.
  - 13.2.1. Business Overview
  - 13.2.2. Key Revenue and Financials
  - 13.2.3. Recent Developments
  - 13.2.4. Key Personnel/Key Contact Person
  - 13.2.5. Key Product/Services Offered
- 13.3. Medtronic Inc
  - 13.3.1. Business Overview
  - 13.3.2. Key Revenue and Financials
  - 13.3.3. Recent Developments

- 13.3.4. Key Personnel/Key Contact Person
- 13.3.5. Key Product/Services Offered
- 13.4. Olympus Corporation
  - 13.4.1. Business Overview
  - 13.4.2. Key Revenue and Financials
  - 13.4.3. Recent Developments
  - 13.4.4. Key Personnel/Key Contact Person
  - 13.4.5. Key Product/Services Offered
- 13.5. Given Imaging Ltd.
  - 13.5.1. Business Overview
  - 13.5.2. Key Revenue and Financials
  - 13.5.3. Recent Developments
  - 13.5.4. Key Personnel/Key Contact Person
  - 13.5.5. Key Product/Services Offered
- 13.6. Medimetrics
  - 13.6.1. Business Overview
  - 13.6.2. Key Revenue and Financials
  - 13.6.3. Recent Developments
  - 13.6.4. Key Personnel/Key Contact Person
  - 13.6.5. Key Product/Services Offered
- 13.7. Microchips Biotech, Inc.
  - 13.7.1. Business Overview
  - 13.7.2. Key Revenue and Financials
  - 13.7.3. Recent Developments
  - 13.7.4. Key Personnel/Key Contact Person
  - 13.7.5. Key Product/Services Offered
- 13.8. Check-Cap Ltd
  - 13.8.1. Business Overview
  - 13.8.2. Key Revenue and Financials
  - 13.8.3. Recent Developments
  - 13.8.4. Key Personnel/Key Contact Person
  - 13.8.5. Key Product/Services Offered
- 13.9. IntroMedic Co., Ltd.
  - 13.9.1. Business Overview
  - 13.9.2. Key Revenue and Financials
  - 13.9.3. Recent Developments
  - 13.9.4. Key Personnel/Key Contact Person
  - 13.9.5. Key Product/Services Offered
- 13.10. Sensirion AG

- 13.10.1. Business Overview
- 13.10.2. Key Revenue and Financials
- 13.10.3. Recent Developments
- 13.10.4. Key Personnel/Key Contact Person
- 13.10.5. Key Product/Services Offered

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Ingestible Sensor Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Component (Sensor, Wearable Patch/ Data Recorder and Software), By Sensor (Temperature Sensor, Pressure Sensor, pH Sensor and Image Sensor), By Vertical (Medical and Sports & Fitness), By Region, By Competition, 2018-2028

Product link: <https://marketpublishers.com/r/l4ABAD675DD8EN.html>

Price: US\$ 4,900.00 (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/l4ABAD675DD8EN.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