

Global Ingestible Electronic Sensor (IES) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Ingestible Electronic Sensor (IES) market size was valued at US\$ 2243 million in 2024 and is forecast to a readjusted size of USD 3995 million by 2031 with a CAGR of 8.7% during review period.

An Ingestible Electronic Sensor (IES) refers to a small, electronic device that is designed to be swallowed and ingested by a person. It is often in the form of a pill or capsule and contains various sensors, electronics, and communication capabilities to monitor and collect specific physiological or biological data from within the body.

Ingestible Electronic Sensors have the potential to provide real-time, personalized health data that can assist in diagnosing and managing various medical conditions. The ability to continuously monitor and analyze data from within the body allows for more targeted and precise medical interventions.

This report is a detailed and comprehensive analysis for global Ingestible Electronic Sensor (IES) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Ingestible Electronic Sensor (IES) market size and forecasts, in consumption

value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Ingestible Electronic Sensor (IES) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Ingestible Electronic Sensor (IES) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Ingestible Electronic Sensor (IES) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Ingestible Electronic Sensor (IES)
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global Ingestible Electronic Sensor (IES) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Olympus Corporation, PENTAX Medical, CapsoVision, HQ, IntroMedic, JINSHAN Science & Technology, Medtronic PLC, MC10, Medimetrics Personalized Drug Delivery, Microchips Biotech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Ingestible Electronic Sensor (IES) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Temperature Sensor

Image Sensor

Others

Market segment by Application

Home Diagnostics

Hospital

Major players covered

Olympus Corporation

PENTAX Medical

CapsoVision

HQ

IntroMedic

JINSHAN Science & Technology

Medtronic PLC

MC10

Medimetrics Personalized Drug Delivery

Microchips Biotech

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ingestible Electronic Sensor (IES) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ingestible Electronic Sensor (IES), with price, sales quantity, revenue, and global market share of Ingestible Electronic Sensor (IES) from 2020 to 2025.

Chapter 3, the Ingestible Electronic Sensor (IES) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ingestible Electronic Sensor (IES) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Ingestible Electronic Sensor (IES) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ingestible Electronic Sensor (IES).

Chapter 14 and 15, to describe Ingestible Electronic Sensor (IES) sales channel, distributors, customers, research findings and conclusion.

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