

Global MEMS Combo Sensor Market Size study & Forecast, by Type (Movement Combo Sensor, Environment Combo Sensor, Optical Combo Sensor, Other Sensors Type), End User (Aerospace and Defense, Automotive, Consumer Electronics, Water and Wastewater Management, Oil and Gas, Food and Beverage and Other End Users) and Regional Analysis, 2022-2029

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Abstracts

Global MEMS Combo Sensor Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than 11.5% over the forecast period 2022-2029. MEMS Combo Sensor is a chip-based device where two or more sensors consists of a mass suspended between two capacitive plates. The MEMS Combo Sensor market is expanding because of factors such as increasing demand for handheld & wearable devices, adoption of Advanced Driver Assistance Systems (ADAS) and self-driving solutions in the automotive industry and growth in interactive gaming. This market is dominated by Honeywell International, Inc., Bosch Sensortec GmbH, Analog Devices, Inc., Murata Manufacturing Co., Ltd. and InvenSense, Inc.

The growth of the automotive industry and the adoption of ADAS have increased the growth of the market. The automotive sector is adopting the ADAS feature for the vehicle as it uses combined sensors such as radar and camera to aware of the world around you and provide information to the driver. According to statistics in 2020, the ADAS industry generated USD 27.29 billion worldwide. The ADAS market is expected to grow and reach nearly \$58.59 billion by 2028 globally. Such as this includes advanced driver assistance systems including automatic emergency braking, lane

departure warning, automatic parking, and adaptive cruise control. According to CISCO Systems, there were 593 million connected wearable devices worldwide in 2018 and is expected to reach 115 million by 2022. Therefore, increasing the adoption of wearable devices is expected to contribute to the market growth of this market. Moreover, the growing inclination towards wearable devices due to health-conscious lifestyles and the adoption of health data tracking applications are proven to create further opportunity for this market in forthcoming years. However, the increase in the overall cost of MEMS stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global MEMS Combo Sensor Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of branded products and the region's increasing technological development. According to the International Energy Agency (IEA) reports, the sales of plug-in electric light vehicles have nearly doubled from 340,000 units in 2020 to 607,600 units in the United States in 2021. Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising populations, an increase in the number of collaborations for, geographic expansion of key players, and active participation of government and nonprofit organizations in the market space. In December 2021, the Indian Union Cabinet announced that the Ministry of Electronics and Information Technology would take necessary steps to modernize and commercialize semiconductors. which also includes MEMS Sensors and other types of sensors.

Major market player included in this report are:

Panasonic Holding Corporation
Analog Devices, Inc.
KIONIX, Inc.
MEMSIC Semiconductor Co., Ltd.
Murata Manufacturing Co., Ltd.
Safran Colibrys SA
STMicroelectronics NV
InvenSense, Inc.
Honeywell International, Inc.
Bosch Sensortec GmbH

Recent Developments in the Market:

In August 2022 – MEMS, the world leader in inertial MEMS sensors, released the MIC6100AL. This is the first MEMS 6-axis inertial sensor (IMU) that combines a 3-axis gyroscope with a 3-axis accelerometer to enable physically interactive devices. A gamepad and intelligent remote control with precise detection greatly enhances the user

experience.

In January 2022 – TDK launches the InvenSense ICM-45xxx SmartMotion Ultra-High-Performance (UHP) family of 6-axis MEMS motion sensors. It finds use in devices that require negligible gyro drift.

Global MEMS Combo Sensor Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, End-User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Movement Combo Sensor

Environment Combo Sensor

Optical Combo Sensor

Other Sensor Type

By End-User:

Aerospace & Defense

Automotive

Consumer Electronics

Water and Wastewater Management

Oil and Gas

Food and Beverage

Other End Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Rest of the World

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