

# **Global Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor market size was valued at US\$ 141 million in 2024 and is forecast to a readjusted size of USD 255 million by 2031 with a CAGR of 8.9% during review period.

Automotive air quality sensors are used to keep track and monitor the quality of air inside the vehicle cabin. There has been a considerable reduction in the cabin emissions with the effective use of automotive cabin air quality sensors in the global market. Furthermore, requirement of enhanced air quality inside the vehicle has backed the growth of automotive cabin air quality sensors market. Driver and the vehicle passengers are often exposed to high level of hazardous pollutants and gases, especially in today's urban areas and cities where the pollution level has reached to an alarming limit. Likewise, growing exhaust emissions coupled with the increasing wear particles make the passengers more vulnerable to the interior pollution. The rising interior emission of hazardous pollutants has led to significant increase in respiratory problems among the consumers. With the use of effective filtration systems combined with a cabin air quality sensor, entry or inflow of foreign particles such as pollen grains, road dust, diesel soot, etc. can be reduced inside the vehicle. Road safety and growing pollution is one of the protuberant issues at the present time and it is estimated to be in the future as well. Digital automotive electronics such as automotive cabin air quality sensor is proficient enough to automate several driving aspects which can reduce significant cabin pollutants and improve vehicle safety. Automotive cabin air quality sensor is one of the key expansion in this area and is an advancing step for increasing the driving security and safety in the global automotive market.

Global key manufactuers of automotive cabin air quality sensor include Paragon,

Denso, Cubic Sensor, etc. The top three players hold a share around 68%. Europe is the largest producer, has a share about 57%, followed by Japan and China, with share 22% and 10%, respectively. The largest market is Europe, with a share about 58%, followed by China and North America, with share 19% and 10%, separately.

This report is a detailed and comprehensive analysis for global Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive Cabin Air Quality Sensor 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 Paragon, Denso, Cubic Sensor, SGX Sensortech, Sensirion, Valeo, Hella, Doowon Electronic, Prodrive Technologies, etc.

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

### Market Segmentation

Automotive Cabin Air Quality Sensor 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

PM2.5 Sensor

Gas Sensor

#### Market segment by Application

Passenger Car

Commercial Vehicle

#### Major players covered

Paragon

Denso

Cubic Sensor

SGX Sensortech

Sensirion

Valeo

Hella

Doowon Electronic

Prodrive Technologies

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 Automotive Cabin Air Quality Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Cabin Air Quality Sensor, with price, sales quantity, revenue, and global market share of Automotive Cabin Air Quality Sensor from 2020 to 2025.

Chapter 3, the Automotive Cabin Air Quality Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed

emphatically by landscape contrast.

Chapter 4, the Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor 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 Automotive Cabin Air Quality Sensor.

Chapter 14 and 15, to describe Automotive Cabin Air Quality Sensor sales channel, distributors, customers, research findings and conclusion.

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