

Global Automotive Hydrogen Sensor Market Research Report 2023

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Abstracts

Electrochemical sensors in automotive are used to detect a wide range of toxic gases such as hydrogen sulfide and carbon monoxide. It is commonly used in the vehicle as it has low power requirements, a linear output, and a good resolution.

According to QYResearch's new survey, global Automotive Hydrogen Sensor market is projected to reach US\$ 845.9 million in 2029, increasing from US\$ 536 million in 2022, with the CAGR of 6.8% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole Automotive Hydrogen Sensor market research.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global Automotive Hydrogen Sensor market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

City Technology

Figaro Engineering

Membrapor

Siemens

Merit Sensor

Neohysens

Hydrogen Sense Technology

Multi Nano Sense

C2 Sense

Bosch Sensortec

Segment by Type

Catalytic

Electrochemical

Metal Oxide

Others

Segment by Application

Passenger Vehicle

Light Commercial Vehicle (LCV)

Heavy Commercial Vehicle (HCV)

Production by Region

North America

Europe

China

Japan

South Korea

Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The Automotive Hydrogen Sensor report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

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