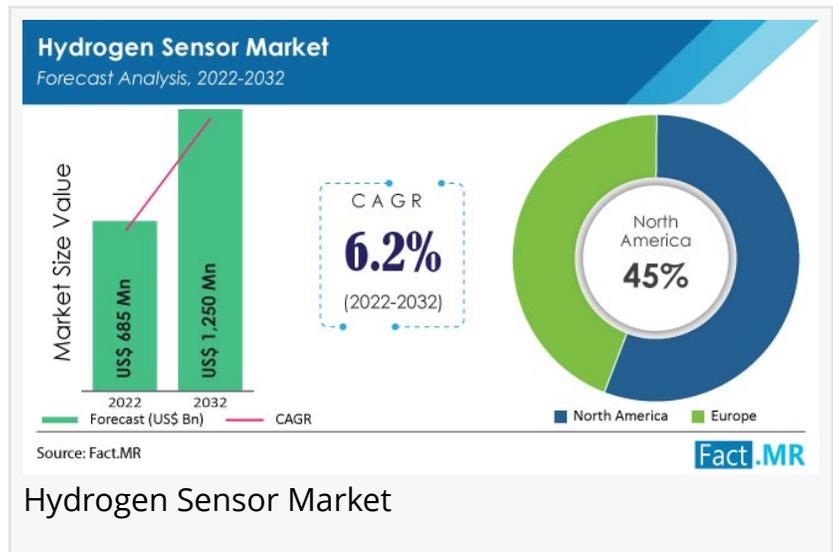


Rising Production of Fuel Cell Electric Vehicles Have Strengthened The Prices For Hydrogen Sensors: Report Fact.MR

The global hydrogen sensor market is expected to register a CAGR of 6.2% by garnering a market value of US\$ 1,250 Mn in the forecast period 2022-2032.

ROCKVILLE, MARYLAND, UNITED STATES, August 1, 2022

/EINPresswire.com/ -- Fact.MR predicts the global [sales of hydrogen sensors](#) to surpass US\$ 1,250 Mn by registering a positive CAGR of over 6% in the forecast period 2022-2032. Relative high research & development spending to introduce sensors with improved operational flexibility and enhanced lifespan are playing a vital role in developing the overall market for hydrogen sensors.



Historically, from 2017 to 2022, the global sales of hydrogen sensors experienced a CAGR of 3%. The onset of the COVID-19 pandemic affected supply and demand of various end user industries across the globe. Thus, the demand for hydrogen sensor dipped in the initial quarter of the pandemic. As the world is getting back to normalcy, the sales of hydrogen sensors are expected to retrieve.

Further, an increase in demand from the power generation industry, and multitude of governments adopting respective national hydrogen strategies to reduce carbon footprint and develop local hydrogen infrastructure, are prime reasons for rising demand for hydrogen sensors.

For More Insights Into The Market, Request a Sample of This Report:-

https://www.factmr.com/connectus/sample?flag=S&rep_id=3401

“High R&D spending to improve sensor lifespan will aid market growth over the coming years,”

opines a Fact.MR analyst.

EV's Augmenting The Demand for Hydrogen Sensors in Automotive Industry

The automotive industry has been a key contributor to the growing demand for hydrogen sensors. This is because hydrogen fuel is being seen and starting to get mainstream by numerous vehicle manufacturers as a power source in fuel cell electric vehicles. Boost provided to the hydrogen economy by regional governments will highly cascade the effect to the growth in demand for complementary products such as hydrogen sensors.

Regional governments' are fast-forwarding hydrogen demand by providing basic impetus, such as state procurement of fuel cell electric vehicles. This is set to act as an aggregate driver providing a major domino effect to the automotive sector and enhancing the requisite for hydrogen sensors.

Key Takeaways from Market Study

- By sensor, electrochemical sensors expected to gain more than 35% market share for hydrogen sensor market.
- By end user, automotive industry expected to hold more than 45% market share for hydrogen sensor market.
- Hydrogen sensor industry expected to possess nearly 45% market share throughout North America.
- Hydrogen sensor industry expected to possess nearly 30% market share throughout Europe.
- Global market for hydrogen sensors to be valued at US\$ 685 Mn by the end of 2022

Need More Information On Our Reporting Methodology? Click here:-

https://www.factmr.com/connectus/sample?flag=RM&rep_id=3401

Key Segments Covered in Hydrogen Sensor Industry

- By Technology
 - oElectrochemicals-based Hydrogen Sensors
 - oMetal-Oxide [Semiconductors](#)-based Hydrogen Sensors
 - oThermal Conductivity-based Hydrogen Sensors
 - oCatalytic Hydrogen Sensors
- By Maximum Measurement Range
 - oHydrogen Sensors <2,000 ppm (parts per million)
 - oHydrogen Sensors <5,000 ppm
 - oHydrogen Sensors <10,000 ppm

- oHydrogen Sensors <20,000 ppm
- oHydrogen Sensors above 20,000 ppm

- By Utility

- oFixed Hydrogen Sensors
- oPortable Hydrogen Sensors
- By End Use

- oHydrogen Sensors for Industrial Use

- Oil & Gas
- Chemicals
- Food & Beverages
- Power & Energy
- Others

- oHydrogen Sensors for Transportation

- Automotive
- Aerospace

Full Access of this Report Is Available At

<https://www.factmr.com/checkout/3401>

Competitive Landscape

- In October 2021, Honeywell International released two new Bluetooth gas detectors. These detectors continuously monitor gas leaks in rain, snow and fog. The Bluetooth connectivity allows quicker and easier delivery maintenance.
- Honeywell International, City Technology, Figaro Engineering, Nissha FIS Inc, SGX Sensortech, Siemens AG, MSA Safety Inc., Membrapor AG, Makel Engineering, Aeroqual, SemeaTech are prominent hydrogen sensor market players.

Key Questions Covered in the Hydrogen Sensor Market Report

- What is the global hydrogen sensor market scenario?
- What is the demand outlook for hydrogen sensor market during the forecast period?
- What was the last 5-year CAGR for the hydrogen sensor market?
- Who are the prominent players in the global hydrogen sensor market?
- Which is the most leading region in the hydrogen sensor market?

Explore The Trending Reports of Fact.MR

Hydrogen Fluoride Pyridine Market Insights (<https://www.factmr.com/report/4022/hydrogen-fluoride-pyridine-market>) - Hydrogen Fluoride Pyridine market is set to witness steady growth during 2021-2031. Pharmaceutical and healthcare sector is accelerating the global market demand.

Hydrogen Generation Market Analysis (<https://www.factmr.com/report/4686/hydrogen-generation-market>)- Global hydrogen generation market exhibits an impressive growth trajectory of 7.5% CAGR during the forecast period (2019 - 2029).

Hydrogenated Nitrile Butadiene Rubber Market Trends (<https://www.factmr.com/report/2534/hydrogenated-nitrile-butadiene-rubber-market>) - The global market for Hydrogenated Nitrile Butadiene Rubber was valued at US\$ 10,582.4 Mn in 2017. The market is forecast to expand at a CAGR of 7.6% by value during the forecast period, 2018-2027.

Electronic Grade Hydrogen Peroxide Market Research (<https://www.factmr.com/report/2954/electronic-grade-hydrogen-peroxide-market>)- Global electronic grade hydrogen peroxide market is forecast to expand at an annual growth rate of 4.6% during the forecast period 2019 to 2029.

Hydrogen Leak Detector Market - <https://www.factmr.com/report/hydrogen-leak-detector-market>

Hydrogen leak detectors are basically sensors detecting leakage of hydrogen gas in production, supply and storage applications. These are designed in such a way that they can easily detect harmful and burnable gases by installing hydrogen pressure vessels inside the container to detect leakage.

Automotive Hydrogen Fuel Cell Market (<https://www.factmr.com/report/4023/automotive-hydrogen-fuel-cell-market>) -Automotive Hydrogen Fuel Cell Market research report covers detailed information on Global Automotive Hydrogen Fuel Cell Market Size, Share, application, competition and growth opportunities till 2029

Liquid Organic Hydrogen Carriers Market (<https://www.factmr.com/report/liquid-organic-hydrogen-carriers-market>) - According to the latest study by Fact.MR, liquid organic hydrogen carriers market is expected to get major boost in demand over the forecast period. Vital need for technologies that support safe transportation and storage of potential energy is driving the LOHC market. Moreover Fact.MR projects substantial demand for LOHC over the forecast period growing at a CAGR of around 5.6%.

Hydrogen Vehicles Market (<https://www.factmr.com/report/685/hydrogen-vehicle-market>) - The

market for hydrogen vehicles will see a soaring growth, with a new forecast by Fact.MR estimating that the hydrogen vehicles industry will generate an incremental opportunity worth US\$ 150 Mn across the 2021-2031 forecast period.

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