

Global Industrial Gas Regulator Market Report and Forecast 2023-2028

Market Report | 2023-09-27 | 140 pages | EMR Inc.

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Report description:

Global Industrial Gas Regulator Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global industrial gas regulator market is projected to grow at a CAGR of 4.40% between 2023 and 2028. Aided by the rapid development of stainless-steel gas regulators and growing demand from the end use industries, the market is expected to grow significantly by 2028.

Industrial gas regulators are essential components used for controlling the gas pressure in a wide range of industries. They play a crucial role in ensuring the safe and efficient operation of equipment by maintaining a steady gas flow. In addition to their primary usage in the oil and gas industry, they find applications in diverse sectors including manufacturing, chemical processing, healthcare, and food and beverage production.

The industrial gas regulator market expansion is strongly influenced by the continuous growth of the oil and gas industry. As these industries ramp up production to meet global energy needs, the demand for high-quality gas regulators continues to surge.

Furthermore, advancements in hydraulic fracturing and horizontal drilling technologies have given a significant push to unconventional oil and gas exploration activities, which, in turn, propels the demand for industrial gas regulators.

In addition to the oil and gas sector, the use of industrial gas regulators in other industries is also contributing to the industrial gas regulator market growth. In the manufacturing sector, they are employed to control the pressure of gases used in various processes such as cutting, welding, and heating. In the healthcare industry, they are utilised in medical gas therapy systems, ensuring the safe delivery of oxygen and other medical gases to patients.

Technological advancements in industrial gas regulator designs have led to improved functionality, efficiency, and safety features, driving their adoption across sectors. The development of high-pressure gas regulators and those with built-in safety features for leak detection has been especially significant in driving the market growth.

The surge in industrialisation and urbanisation, particularly in emerging economies, is another factor contributing to the industrial gas regulator market development. The increase in construction and infrastructure development projects in these regions has led to a rise in demand for gas regulators for welding and cutting applications.

Moreover, the transition towards clean and sustainable energy sources is expected to present lucrative opportunities for the industrial gas regulator market. The growing emphasis on hydrogen as a potential clean energy source necessitates the use of gas

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regulators for safe and efficient hydrogen handling and storage, creating potential growth opportunities for the industrial gas regulator market.

Market Segmentation

The market can be divided based on material, regulator, gas type, end use, and region.

Market Breakup by Material

- Brass

- Stainless Steel

Market Breakup by Regulator

- Single Stage

- Dual Stage

Market Breakup by Gas Type

- Inert

- Toxic

- Corrosive

Market Breakup by End Use

- Food and Beverages

- Pharmaceuticals

- Oil and Gas

- Chemical

- Electric Power

- Metallurgy

- Others

Market Breakup by Region

- North America

- Europe

- Asia Pacific

- Latin America

- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the global industrial gas regulator companies. Some of the major key players explored in the report by Expert Market Research are as follows:

- Emerson Electric Co.

- Linde plc

- Airgas, Inc.

- Gulf Cryo Holding C.S.C

- Matheson Tri-Gas, Inc.

- Others

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