

Smart Gas Meter Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global smart gas meter market reached a value of US\$ 1.83 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US\$ 2.8 Billion by 2027, exhibiting a CAGR of 7.20% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

Smart gas meter refers to a digitized gas network that provides electronic gas consumption measurements. Automatic meter reading (AMR) and advanced meter infrastructure (AMI) are some of the commonly used smart gas meters. It consists of integrated sensors and computation hardware that measures the volume of the gas consumed in a more precise way. Smart gas meters are widely used to detect toxic and explosive gasses, measure gas concentration and provide greater clarity of consumption behavior. As a result, it is attached with an alarm circuit that gives real-time alerts about the concentration of harmful gasses in the atmosphere, prevents explosions and fire hazards, and aids in gas analysis.

Smart Gas Meter Market Trends:

The smart gas meter market is majorly being driven by the widespread product adoption in the residential sector due to the increasing cases of stealing the pipeline gas resulting in leakage, malfunctions, and other safety hazards. Additionally, the rising demand for AMR devices to collect or control time-of-use or rate-of-use statistics and assist in providing accurate meter readings and improved and transparent billing processes is favoring the market growth. Apart from this, various advancements in technologies, such as the integration of the Internet of Things (IoT) to support real-time monitoring of

temperature, flow, pressure, gas usage and leakages, are providing an impetus to the market growth. Moreover, the increasing awareness amongst consumers regarding the benefits associated with smart gas meters, such as better gas distribution and usage insights, along with reduced natural gas wastage, are positively impacting the market growth. Other factors, including the rising expenditure capacities of consumers, the increasing number of smart city development projects, and the implementation of various government initiatives to encourage and regulate the adoption of energy-saving systems, such as smart gas meter, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global smart gas meter market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on component, type and end use.

Breakup by Component:

- Hardware
- Software

Breakup by Type:

- Automated Metering Infrastructure (AMI)
- Automated Meter Reading (AMR)

Breakup by End Use:

- Residential
- Commercial
- Industrial

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
- China

Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aclara Technologies LLC (Hubbell Incorporated), Aichi Tokei Denki Co. Ltd., Apator SA, Chongqing Shancheng Gas Equipment Co. Ltd., Diehl Stiftung & Co. KG, EDM I Limited (Osaki Electric Co. Ltd.), Honeywell International Inc., Itron Inc, Landis+Gyr, Raychem RPG Private Limited, Schneider Electric SE, Siemens AG and Wasion Holdings Limited.

Key Questions Answered in This Report:

How has the global smart gas meter market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global smart gas meter market?

What are the key regional markets?

What is the breakup of the market based on the component?

What is the breakup of the market based on the by type?

What is the breakup of the market based on the end use?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global smart gas meter market and who are the key players?

What is the degree of competition in the industry?

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