

Pressure Gauge Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global pressure gauge market size reached US\$ 879.9 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,100.6 Million by 2028, exhibiting a growth rate (CAGR) of 2.9% during 2023-2028.

Pressure gauges are instruments used to measure the fluid, gas, water or steam pressure for ensuring the consistency of a product, carrying out a safety check, and preventing leakages in a system. They comprise mechanical linkages that are primarily utilized for measuring static and variable pressures. They are widely available in various designs, ranges, and display units, depending on industry applications, such as petrochemical, power stations, mining, and environmental technology. At present, several manufacturers are designing pressure gauges with additional safety measures, such as blow devices, to protect front workers from injuries caused by leakage or explosion.

Pressure Gauge Market Trends:

Pressure gauges are extensively used in petrochemical fields for measuring oil and gas production. This, in confluence with the escalating demand for petrochemicals in consumer staples, such as household goods and personal products, and automotive parts and appliances, represents one of the key factors influencing the market positively. Apart from this, pressure gauges are employed in the automotive industry for measuring and indicating the amount of fuel in a fuel tank of heavy-duty trucks and buses, which rely on liquified or compressed natural gas (CNG). This can also be attributed to the increasing demand for heavy-duty vehicles for the transportation of

daily essentials and goods. Besides this, the growing prevalence of chronic diseases and the coronavirus disease (COVID-19) outbreak are catalyzing the adoption of pressure gauges in angioplasty inflation devices, anesthesia equipment, medical regulators, respiratory equipment, and dental systems. Furthermore, market players are introducing digital pressure gauges with advanced sensors to transmit data to computers for immediate use. Such innovations are anticipated to provide a favorable outlook to the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pressure gauge market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on output type, technology and application.

Breakup by Output Type:

- Analog
- Digital

Breakup by Technology:

- Piezoresistive Pressure Gauge
- Capacitive Pressure Gauge
- Electromagnetic Pressure Gauge
- Resonant Solid State Pressure Gauge
- Optical Pressure Gauge

Breakup by Application:

- Aviation and Defense
- Automotive
- Healthcare
- Energy
- Others

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 AMETEK Inc., Badotherm, CIRCOR International Inc., Crane Co., Dwyer Instruments Inc., Emerson Electric Co., Fluke Corporation (Fortive Corporation), Honeywell International Inc., Newbow Aerospace Ltd., OMEGA Engineering Inc. (Spectris plc), QED Aerospace, WIKA Alexander Wiegand SE & Co. KG and Winters Instruments Limited.

Key Questions Answered in This Report

1. How big is the global pressure gauge market?
2. What is the expected growth rate of the global pressure gauge market during 2023-2028?
3. What are the key factors driving the global pressure gauge market?
4. What has been the impact of COVID-19 on the global pressure gauge market?
5. What is the breakup of the global pressure gauge market based on the application?

6. What are the key regions in the global pressure gauge market?
7. Who are the key players/companies in the global pressure gauge market?

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