

Global Strain Gauges Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Strain Gauges market size was valued at USD 200.6 million in 2023 and is forecast to a readjusted size of USD 266.1 million by 2030 with a CAGR of 4.1% during review period.

Strain Gauges, also called Strain Gages, are devices whose resistance changes under the application of force or strain. They can be used for measurement of force, strain, stress, pressure, displacement, acceleration etc.

Global Strain Gauges key players include VPG, HBM, Zemic, Yiling, HYCSYQ etc. Global top five manufacturers hold a share over 70%.

China is the largest market, with a share over 25%, followed by Europe and North America, both have a share over 40% percent.

In terms of product, Stress Analysis Type is the largest segment, with a share over 60%. And in terms of application, the largest application is Electronics and Measurement followed by Industrial.

The Global Info Research report includes an overview of the development of the Strain Gauges industry chain, the market status of Electronics and Measurement (Stress Analysis Type, Transducer Type), Construction (Stress Analysis Type, Transducer Type), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Strain Gauges.

Regionally, the report analyzes the Strain Gauges markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives

and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Strain Gauges market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Strain Gauges market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Strain Gauges industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Pcs), revenue generated, and market share of different by Type (e.g., Stress Analysis Type, Transducer Type).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Strain Gauges market.

Regional Analysis: The report involves examining the Strain Gauges market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Strain Gauges market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Strain Gauges:

Company Analysis: Report covers individual Strain Gauges manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Strain Gauges This may involve surveys, interviews, and analysis of

consumer reviews and feedback from different by Application (Electronics and Measurement, Construction).

Technology Analysis: Report covers specific technologies relevant to Strain Gauges. It assesses the current state, advancements, and potential future developments in Strain Gauges areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Strain Gauges market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Strain Gauges market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Stress Analysis Type

Transducer Type

Other (for Special Applications)

Market segment by Application

Electronics and Measurement

Construction

Industrial

Other

Major players covered

VPG

HBM

Zemic

Yiling

HYCSYQ

NMB

KYOWA

LCT

Omega

TML

BCM

Piezo-Metrics

Hualanhai

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Strain Gauges product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Strain Gauges, with price, sales, revenue and global market share of Strain Gauges from 2019 to 2024.

Chapter 3, the Strain Gauges competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Strain Gauges breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Strain Gauges market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Strain Gauges.

Chapter 14 and 15, to describe Strain Gauges sales channel, distributors, customers, research findings and conclusion.

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