

# Global Strain Gage Market Insights, Forecast to 2026

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# **Abstracts**

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.

Strain gages are of the stucture, in which a metallic foil film in the thickness of a few microns is glued on a thin electrically insulated sheet (such as polyimide, polyester and so on). This foil film is cut down by photo-etching method in the shape of strain gages which can be made with the negative film masks of the strain gage patterns. These photo-etched strain gage patterns are trimmed to have a standard resistance value satisfying requirements as the strain gages. In addition, for strain gages in general applications, thermal resistance factors of the foil films are controlled to have three categories to match with the thermal elongation factors of 3 major and most popular materials of mild steel/11ppm, stainless steel/16ppm and aluminium alloy/23ppm, for which our strain gages can be self-temperature compensated to minimize temerature effects if specified so when ordering.

The global average price of Strain Gages is in the decreasing trend, from 886 USD/K Pcs in 2012 to 840 USD/ K Pcs in 2016. With the situation of global economy, prices will be in decreasing trend in the following five years.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Strain Gage 4900 market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the



supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Strain Gage 4900 industry.

Based on our recent survey, we have several different scenarios about the Strain Gage 4900 YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ 227 million in 2019. The market size of Strain Gage 4900 will reach xx in 2026, with a CAGR of xx% from 2020 to 2026. With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Strain Gage market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global

Players, stakeholders, and other participants in the global Strain Gage market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

Strain Gage market in terms of both revenue and volume.

# **Production and Pricing Analyses**

Readers are provided with deeper production analysis, import and export analysis, and pricing analysis for the global Strain Gage market. As part of production analysis, the report offers accurate statistics and figures for production capacity, production volume by region, and global production and production by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for price by manufacturer and price by region for the period 2015-2020 and price by each type segment for the period 2015-2026. The import and export analysis for the global Strain Gage market has been provided based on region.

# Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Strain Gage market, covering important regions, viz, North America, Europe, China, Japan and South Korea. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, UAE, etc. The report includes country-wise and region-wise market size for the period 2015-2026.



It also includes market size and forecast by each application segment in terms of volume for the period 2015-2026.

# **Competition Analysis**

VPG

In the competitive analysis section of the report, leading as well as prominent players of the global Strain Gage market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Strain Gage market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Strain Gage market.

The following manufacturers are covered in this report:

VPG
НВМ
Zemic
Yiling
HYCSYQ
NMB
KYOWA
LCT
Omega
TML
BCM



Piezo-Metrics
Hualanhai
Strain Gage Breakdown Data by Type
Stress Analysis Type
Transducer Type
Other (for Special Applications)
Strain Gage Breakdown Data by Application
Electrical Equipment
Civil Engineering
Building Construction
Chemicals and Medicine
Other



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