

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Semiconductor Strain Gauge Sensors Market 2018, Forecast to 2023

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## Abstracts

As opposed to other types of strain gages, semiconductor strain gages depend on the piezoresistive effects of silicon or germanium and measure the change in resistance with stress as opposed to strain. The semiconductor bonded strain gage is a wafer with the resistance element diffused into a substrate of silicon. It is widely used as sense element for transducer manufacturing and engineering stress analysis, Semiconductor Strain Gauges are not only used for surveying stress distribution, or static measurement for machinery, ships, bridges, aviation, but also used for non-linearity compensation of force transducers.

### SCOPE OF THE REPORT:

This report focuses on the Semiconductor Strain Gauge Sensors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Semiconductor strain gages manufacturers with advanced technologies are from developed regions like Europe, United States and Japan. While most of them have built Production bases in China as to the low labor cost and global sales network to meet local market demand.

Semiconductor strain gages make use of the piezo-resistive effect exhibited by certain semiconductor materials such as silicon and germanium in order to obtain greater sensitivity and higher-level output. Semiconductor gages can be produced to have either positive or negative changes when strained.

On the whole market overview, this is a market with intense competition and lots of customers? small players without enough financial and technology support should take

cautious entering this market.

The worldwide market for Semiconductor Strain Gauge Sensors is expected to grow at a CAGR of roughly 6.7% over the next five years, will reach 33 million US\$ in 2023, from 22 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

BCM Sensor

Micron Instruments

Kyowa

HT Sensor

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Naked Gages

Backed Gages

Market Segment by Applications, can be divided into

Industrial Measurement & Control

Weighing Equipment

Aerospace

Cranes

Others

There are 15 Chapters to deeply display the global Semiconductor Strain Gauge Sensors market.

Chapter 1, to describe Semiconductor Strain Gauge Sensors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Semiconductor Strain Gauge Sensors, with sales, revenue, and price of Semiconductor Strain Gauge Sensors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Semiconductor Strain Gauge Sensors, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Semiconductor Strain Gauge Sensors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Semiconductor Strain Gauge Sensors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix

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