

# Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Strain Gages Market 2017 Forecast to 2022

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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 structure, 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 temperature effects if specified so when ordering.

### SCOPE OF THE REPORT:

This report focuses on the Strain Gages 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.

Market Segment by Manufacturers, this report covers

VPG

HBM

Zemic

Yiling

HYCSYQ

NMB

KYOWA

LCT

Omega

TML

BCM

Piezo-Metrics

Hualanhai

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

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

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

South America (Brazil, Argentina, Columbia etc.)

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

Market Segment by Type, covers

Stress Analysis Type

Transducer Type

Other (for Special Applications)

Market Segment by Applications, can be divided into

Electrical Equipment

Civil Engineering

Building Construction

Chemicals and Medicine

Other

There are 15 Chapters to deeply display the global Strain Gages market.

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

Chapter 2, to analyze the top manufacturers of Strain Gages, with sales, revenue, and price of Strain Gages, 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 Strain Gages, for each region, from 2012 to 2017;

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 2012 to 2017;

Chapter 12, Strain Gages market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Strain Gages sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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