

United States Strain Gages Market by Manufacturers, States, Type and Application, Forecast to 2022

<https://marketpublishers.com/r/UD0D0377373EN.html>

Date: July 2017

Pages: 117

Price: US\$ 4,480.00 (Single User License)

ID: UD0D0377373EN

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 United States market, to split the market based on manufacturers, states, 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 States, covering

California

Texas

New York

Florida

Illinois

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 17 Chapters to deeply display the United States Strain Gages market.

Chapter 1, to describe Strain Gages Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Strain Gages, with profile, main business, news, sales, price, revenue and market share 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 United States market by States, covering California, New York, Texas, Illinois and Florida, with sales, price, revenue and market share of Strain Gages, for each state, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

Chapter 12, Strain Gages market forecast, by States, type and application, with sales, price, revenue and growth rate forecast, from 2017 to 2022;

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers etc.

Chapter 16 and 17, to describe Strain Gages Research Findings and Conclusion, Appendix, methodology and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Strain Gages Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Stress Analysis Type
 - 1.2.2 Transducer Type
 - 1.2.3 Other (for Special Applications)
- 1.3 Market Analysis by Applications
 - 1.3.1 Electrical Equipment
 - 1.3.2 Civil Engineering
 - 1.3.3 Building Construction
 - 1.3.4 Chemicals and Medicine
 - 1.3.5 Other
- 1.4 Market Analysis by States
 - 1.4.1 California Status and Prospect (2012-2022)
 - 1.4.2 Texas Status and Prospect (2012-2022)
 - 1.4.3 New York Status and Prospect (2012-2022)
 - 1.4.4 Florida Status and Prospect (2012-2022)
 - 1.4.5 Illinois Status and Prospect (2012-2022)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 VPG
 - 2.1.1 Profile
 - 2.1.2 Strain Gages Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
 - 2.1.3 VPG Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.1.4 Business Overview
 - 2.1.5 VPG News
- 2.2 HBM
 - 2.2.1 Profile

- 2.2.2 Strain Gages Type and Applications
 - 2.2.2.1 Type
 - 2.2.2.2 Type
- 2.2.3 HBM Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.2.4 Business Overview
- 2.2.5 HBM News
- 2.3 Zemic
 - 2.3.1 Profile
 - 2.3.2 Strain Gages Type and Applications
 - 2.3.2.1 Type
 - 2.3.2.2 Type
 - 2.3.3 Zemic Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.3.4 Business Overview
 - 2.3.5 Zemic News
- 2.4 Yiling
 - 2.4.1 Profile
 - 2.4.2 Strain Gages Type and Applications
 - 2.4.2.1 Type
 - 2.4.2.2 Type
 - 2.4.3 Yiling Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.4.4 Business Overview
 - 2.4.5 Yiling News
- 2.5 HYCSYQ
 - 2.5.1 Profile
 - 2.5.2 Strain Gages Type and Applications
 - 2.5.2.1 Type
 - 2.5.2.2 Type
 - 2.5.3 HYCSYQ Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.5.4 Business Overview
 - 2.5.5 HYCSYQ News
- 2.6 NMB
 - 2.6.1 Profile
 - 2.6.2 Strain Gages Type and Applications
 - 2.6.2.1 Type
 - 2.6.2.2 Type

2.6.3 NMB Strain Gages Sales, Price, Revenue, Gross Margin and Market Share
(2016-2017)

2.6.4 Business Overview

2.6.5 NMB News

2.7 KYOWA

2.7.1 Profile

2.7.2 Strain Gages Type and Applications

2.7.2.1 Type

2.7.2.2 Type

2.7.3 KYOWA Strain Gages Sales, Price, Revenue, Gross Margin and Market Share
(2016-2017)

2.7.4 Business Overview

2.7.5 KYOWA News

2.8 LCT

2.8.1 Profile

2.8.2 Strain Gages Type and Applications

2.8.2.1 Type

2.8.2.2 Type

2.8.3 LCT Strain Gages Sales, Price, Revenue, Gross Margin and Market Share
(2016-2017)

2.8.4 Business Overview

2.8.5 LCT News

2.9 Omega

2.9.1 Profile

2.9.2 Strain Gages Type and Applications

2.9.2.1 Type

2.9.2.2 Type

2.9.3 Omega Strain Gages Sales, Price, Revenue, Gross Margin and Market Share
(2016-2017)

2.9.4 Business Overview

2.9.5 Omega News

2.10 TML

2.10.1 Profile

2.10.2 Strain Gages Type and Applications

2.10.2.1 Type

2.10.2.2 Type

2.10.3 TML Strain Gages Sales, Price, Revenue, Gross Margin and Market Share
(2016-2017)

2.10.4 Business Overview

- 2.10.5 TML News
- 2.11 BCM
 - 2.11.1 Profile
 - 2.11.2 Strain Gages Type and Applications
 - 2.11.2.1 Type
 - 2.11.2.2 Type
 - 2.11.3 BCM Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.11.4 Business Overview
 - 2.11.5 BCM News
- 2.12 Piezo-Metrics
 - 2.12.1 Profile
 - 2.12.2 Strain Gages Type and Applications
 - 2.12.2.1 Type
 - 2.12.2.2 Type
 - 2.12.3 Piezo-Metrics Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.12.4 Business Overview
 - 2.12.5 Piezo-Metrics News
- 2.13 Hualanhai
 - 2.13.1 Profile
 - 2.13.2 Strain Gages Type and Applications
 - 2.13.2.1 Type
 - 2.13.2.2 Type
 - 2.13.3 Hualanhai Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.13.4 Business Overview
 - 2.13.5 Hualanhai News

3 UNITED STATES STRAIN GAGES MARKET COMPETITION, BY MANUFACTURER

- 3.1 United States Strain Gages Sales and Market Share by Manufacturer (2016-2017)
- 3.2 United States Strain Gages Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 United States Strain Gages Price by Manufacturers (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Strain Gages Manufacturer Market Share
 - 3.4.2 Top 5 Strain Gages Manufacturer Market Share

3.5 Market Competition Trend

4 UNITED STATES STRAIN GAGES MARKET ANALYSIS BY STATES

4.1 United States Strain Gages Sales Market Share by States

4.2 United States Strain Gages Sales by States (2012-2017)

4.3 United States Strain Gages Revenue (Value) by States (2012-2017)

5 UNITED STATES MARKET SEGMENTATION STRAIN GAGES BY TYPE

5.1 United States Strain Gages Sales, Revenue and Market Share by Type (2012-2017)

5.1.1 United States Strain Gages Sales and Market Share by Type (2012-2017)

5.1.2 United States Strain Gages Revenue and Market Share by Type (2012-2017)

5.2 Stress Analysis Type Sales Growth and Price

5.2.1 United States Stress Analysis Type Sales Growth (2012-2017)

5.2.2 United States Stress Analysis Type Price (2012-2017)

5.3 Transducer Type Sales Growth and Price

5.3.1 United States Transducer Type Sales Growth (2012-2017)

5.3.2 United States Transducer Type Price (2012-2017)

5.4 Other (for Special Applications) Sales Growth and Price

5.4.1 United States Other (for Special Applications) Sales Growth (2012-2017)

5.4.2 United States Other (for Special Applications) Price (2012-2017)

6 UNITED STATES MARKET SEGMENTATION STRAIN GAGES BY APPLICATION

6.1 United States Strain Gages Sales Market Share by Application (2012-2017)

6.2 Electrical Equipment Sales Growth (2012-2017)

6.3 Civil Engineering Sales Growth (2012-2017)

6.4 Building Construction Sales Growth (2012-2017)

6.5 Chemicals and Medicine Sales Growth (2012-2017)

6.6 Other Sales Growth (2012-2017)

7 CALIFORNIA STRAIN GAGES SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

7.1 California Strain Gages Revenue, Sales and Growth Rate (2012-2017)

7.2 California Strain Gages Sales and Market Share by Type

7.3 California Strain Gages Sales by Application (2012-2017)

8 NEW YORK STRAIN GAGES SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 New York Strain Gages Revenue, Sales and Growth Rate (2012-2017)
- 8.2 New York Strain Gages Sales and Market Share by Type
- 8.3 New York Strain Gages Sales by Application (2012-2017)

9 TEXAS STRAIN GAGES SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Texas Strain Gages Revenue, Sales and Growth Rate (2012-2017)
- 9.2 Texas Strain Gages Sales and Market Share by Type
- 9.3 Texas Strain Gages Sales by Application (2012-2017)

10 FLORIDA STRAIN GAGES SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 10.1 Florida Strain Gages Revenue, Sales and Growth Rate (2012-2017)
- 10.2 Florida Strain Gages Sales and Market Share by Type
- 10.3 Florida Strain Gages Sales by Application (2012-2017)

11 ILLINOIS STRAIN GAGES SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 11.1 Illinois Strain Gages Revenue, Sales and Growth Rate (2012-2017)
- 11.2 Illinois Strain Gages Sales and Market Share by Type
- 11.3 Illinois Strain Gages Sales by Application (2012-2017)

12 STRAIN GAGES MARKET FORECAST (2017-2022)

- 12.1 United States Strain Gages Sales, Revenue and Growth Rate (2017-2022)
- 12.2 Strain Gages Market Forecast by States (2017-2022)
- 12.3 Strain Gages Market Forecast by Type (2017-2022)
- 12.4 Strain Gages Market Forecast by Application (2017-2022)

13 STRAIN GAGES MANUFACTURING COST ANALYSIS

- 13.1 Strain Gages Key Raw Materials Analysis
 - 13.1.1 Key Raw Materials

- 13.1.2 Price Trend of Key Raw Materials
- 13.1.3 Key Suppliers of Raw Materials
- 13.1.4 Market Concentration Rate of Raw Materials
- 13.2 Proportion of Manufacturing Cost Structure
 - 13.2.1 Raw Materials
 - 13.2.2 Labor Cost
 - 13.2.3 Manufacturing Expenses
- 13.3 Manufacturing Process Analysis of Strain Gages

14 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 14.1 Strain Gages Industrial Chain Analysis
- 14.2 Upstream Raw Materials Sourcing
- 14.3 Raw Materials Sources of Strain Gages Major Manufacturers in 2016
- 14.4 Downstream Buyers

15 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 15.1 Sales Channel
 - 15.1.1 Direct Marketing
 - 15.1.2 Indirect Marketing
 - 15.1.3 Marketing Channel Future Trend
- 15.2 Distributors, Traders and Dealers

16 RESEARCH FINDINGS AND CONCLUSION

17 APPENDIX

- 17.1 Methodology
- 17.2 Analyst Introduction
- 17.3 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Strain Gages Picture

Table Product Specifications of Strain Gages

Figure United States Sales Market Share of Strain Gages by Types in 2016

Table Types of Strain Gages

Figure Stress Analysis Type Picture

Table Major Manufacturers of Stress Analysis Type

Figure Transducer Type Picture

Table Major Manufacturers of Transducer Type

Figure Other (for Special Applications) Picture

Table Major Manufacturers of Other (for Special Applications)

Table United States Strain Gages Sales Market Share by Applications in 2016

Table Applications of Strain Gages

Figure Electrical Equipment Picture

Figure Civil Engineering Picture

Figure Building Construction Picture

Figure Chemicals and Medicine Picture

Figure Other Picture

Figure California Strain Gages Revenue (Million USD) and Growth Rate (2012-2022)

Figure Texas Strain Gages Revenue (Million USD) and Growth Rate (2012-2022)

Figure New York Strain Gages Revenue (Million USD) and Growth Rate (2012-2022)

Figure Florida Strain Gages Revenue (Million USD) and Growth Rate (2012-2022)

Figure Illinois Strain Gages Revenue (Million USD) and Growth Rate (2012-2022)

Table VPG Basic Information, Manufacturing Base and Competitors

Table VPG Strain Gages Type and Applications

Table VPG Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table HBM Basic Information, Manufacturing Base and Competitors

Table HBM Strain Gages Type and Applications

Table HBM Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Zemic Basic Information, Manufacturing Base and Competitors

Table Zemic Strain Gages Type and Applications

Table Zemic Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Yiling Basic Information, Manufacturing Base and Competitors

Table Yiling Strain Gages Type and Applications

Table Yiling Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table HYCSYQ Basic Information, Manufacturing Base and Competitors

Table HYCSYQ Strain Gages Type and Applications

Table HYCSYQ Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table NMB Basic Information, Manufacturing Base and Competitors

Table NMB Strain Gages Type and Applications

Table NMB Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table KYOWA Basic Information, Manufacturing Base and Competitors

Table KYOWA Strain Gages Type and Applications

Table KYOWA Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table LCT Basic Information, Manufacturing Base and Competitors

Table LCT Strain Gages Type and Applications

Table LCT Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Omega Basic Information, Manufacturing Base and Competitors

Table Omega Strain Gages Type and Applications

Table Omega Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table TML Basic Information, Manufacturing Base and Competitors

Table TML Strain Gages Type and Applications

Table TML Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table BCM Basic Information, Manufacturing Base and Competitors

Table BCM Strain Gages Type and Applications

Table BCM Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Piezo-Metrics Basic Information, Manufacturing Base and Competitors

Table Piezo-Metrics Strain Gages Type and Applications

Table Piezo-Metrics Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Hualanhai Basic Information, Manufacturing Base and Competitors

Table Hualanhai Strain Gages Type and Applications

Table Hualanhai Strain Gages Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table United States Strain Gages Sales by Manufacturer (2016-2017)
Figure United States Strain Gages Sales Market Share by Manufacturer in 2016
Figure United States Strain Gages Sales Market Share by Manufacturer in 2017
Table United States Strain Gages Revenue by Manufacturer (2016-2017)
Figure United States Strain Gages Revenue Market Share by Manufacturer in 2015
Figure United States Strain Gages Revenue Market Share by Manufacturer in 2016
Table United States Strain Gages Price by Manufacturers (2016-2017)
Figure Top 3 Strain Gages Manufacturer Market Share in 2016
Figure Top 3 Strain Gages Manufacturer Market Share in 2017
Figure Top 5 Strain Gages Manufacturer Market Share in 2016
Figure Top 5 Strain Gages Manufacturer Market Share in 2017
Figure United States Strain Gages Sales and Growth (2012-2017)
Table United States Strain Gages Sales by States (2012-2017)
Table United States Strain Gages Sales Market Share by States (2012-2017)
Figure United States 2012 Strain Gages Sales Market Share by States
Figure United States 2016 Strain Gages Sales Market Share by States
Figure United States Strain Gages Revenue and Growth (2012-2017)
Table United States Strain Gages Revenue by States (2012-2017)
Table United States Strain Gages Revenue Market Share by States (2012-2017)
Table United States 2012 Strain Gages Revenue Market Share by States
Table United States 2016 Strain Gages Revenue Market Share by States
Table United States Strain Gages Sales by Type (2012-2017)
Table United States Strain Gages Sales Share by Type (2012-2017)
Table United States Strain Gages Revenue by Type (2012-2017)
Table United States Strain Gages Revenue Share by Type (2012-2017)
Figure United States Stress Analysis Type Sales Growth (2012-2017)
Figure United States Stress Analysis Type Price (2012-2017)
Figure United States Transducer Type Sales Growth (2012-2017)
Figure United States Transducer Type Price (2012-2017)
Figure United States Other (for Special Applications) Sales Growth (2012-2017)
Figure United States Other (for Special Applications) Price (2012-2017)
Table United States Strain Gages Sales by Application (2012-2017)
Table United States Strain Gages Sales Share by Application (2012-2017)
Figure United States Electrical Equipment Sales Growth (2012-2017)
Figure United States Civil Engineering Sales Growth (2012-2017)
Figure United States Building Construction Sales Growth (2012-2017)
Figure United States Chemicals and Medicine Sales Growth (2012-2017)
Figure United States Other Sales Growth (2012-2017)
Figure California Strain Gages Revenue and Growth (2012-2017)

Figure California Strain Gages Sales and Growth (2012-2017)
Table California Strain Gages Sales by Type (2012-2017)
Table California Strain Gages Sales Market Share by Type (2012-2017)
Table California Strain Gages Sales by Application (2012-2017)
Table California Strain Gages Sales Market Share by Application (2012-2017)
Figure New York Strain Gages Revenue and Growth (2012-2017)
Figure New York Strain Gages Sales and Growth (2012-2017)
Table New York Strain Gages Sales by Type (2012-2017)
Table New York Strain Gages Sales Market Share by Type (2012-2017)
Table New York Strain Gages Sales by Application (2012-2017)
Table New York Strain Gages Sales Market Share by Application (2012-2017)
Figure Texas Strain Gages Revenue and Growth (2012-2017)
Figure Texas Strain Gages Sales and Growth (2012-2017)
Table Texas Strain Gages Sales by Type (2012-2017)
Table Texas Strain Gages Sales Market Share by Type (2012-2017)
Table Texas Strain Gages Sales by Application (2012-2017)
Table Texas Strain Gages Sales Market Share by Application (2012-2017)
Figure Florida Strain Gages Revenue and Growth (2012-2017)
Figure Florida Strain Gages Sales and Growth (2012-2017)
Table Florida Strain Gages Sales by Type (2012-2017)
Table Florida Strain Gages Sales Market Share by Type (2012-2017)
Table Florida Strain Gages Sales by Application (2012-2017)
Table Florida Strain Gages Sales Market Share by Application (2012-2017)
Figure Illinois Strain Gages Revenue and Growth (2012-2017)
Figure Illinois Strain Gages Sales and Growth (2012-2017)
Table Illinois Strain Gages Sales by Type (2012-2017)
Table Illinois Strain Gages Sales Market Share by Type (2012-2017)
Table Illinois Strain Gages Sales by Application (2012-2017)
Table Illinois Strain Gages Sales Market Share by Application (2012-2017)
Figure United States Strain Gages Sales, Revenue and Growth Rate (2017-2022)
Table United States Strain Gages Sales Forecast by States (2017-2022)
Table United States Strain Gages Market Share Forecast by States (2017-2022)
Table United States Strain Gages Sales Forecast by Type (2017-2022)
Table United States Strain Gages Market Share Forecast by Type (2017-2022)
Table United States Strain Gages Sales Forecast by Application (2017-2022)
Table United States Strain Gages Market Share Forecast by Application (2017-2022)
Table Sales Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Strain Gages
Figure Manufacturing Process Analysis of Strain Gages
Figure Strain Gages Industrial Chain Analysis
Table Raw Materials Sources of Strain Gages Major Manufacturers in 2016
Table Major Buyers of Strain Gages
Table Distributors/Traders/ Dealers List

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