

Global Strain Gauges Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

Summary

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.

According to APO Research, The global Strain Gauges market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Strain Gauges is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Strain Gauges is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Strain Gauges is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Strain Gauges is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Strain Gauges include VPG, HBM, Zemic, Yiling, HYCSYQ, NMB, KYOWA, LCT and Omega, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Strain Gauges production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Strain Gauges by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Strain Gauges, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Strain Gauges, also provides the consumption of main regions and countries. Of the upcoming market potential for Strain Gauges, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Strain Gauges sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Strain Gauges market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Strain Gauges sales, projected growth trends, production technology, application and end-user industry.

Strain Gauges segment by Company

VPG

HBM

Zemic

Yiling

HYCSYQ

NMB

KYOWA

LCT

Omega

TML

BCM

Piezo-Metrics

Hualanhai

Strain Gauges segment by Type

Stress Analysis Type

Transducer Type

Other (for Special Applications)

Strain Gauges segment by Application

Electronics and Measurement

Construction

Industrial

Other

Strain Gauges segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.

5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Strain Gauges market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Strain Gauges and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Strain Gauges.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Strain Gauges market, including product definition, global market growth prospects, production value, capacity, and average

price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Strain Gauges industry.

Chapter 3: Detailed analysis of Strain Gauges market competition landscape. Including Strain Gauges manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Strain Gauges by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Strain Gauges in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Strain Gauges Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Strain Gauges Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global Strain Gauges Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global Strain Gauges Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL STRAIN GAUGES MARKET DYNAMICS

- 2.1 Strain Gauges Industry Trends
- 2.2 Strain Gauges Industry Drivers
- 2.3 Strain Gauges Industry Opportunities and Challenges
- 2.4 Strain Gauges Industry Restraints

3 STRAIN GAUGES MARKET BY MANUFACTURERS

- 3.1 Global Strain Gauges Production Value by Manufacturers (2019-2024)
- 3.2 Global Strain Gauges Production by Manufacturers (2019-2024)
- 3.3 Global Strain Gauges Average Price by Manufacturers (2019-2024)
- 3.4 Global Strain Gauges Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Strain Gauges Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Strain Gauges Manufacturers, Product Type & Application
- 3.7 Global Strain Gauges Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Strain Gauges Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Strain Gauges Players Market Share by Production Value in 2023
 - 3.8.3 2023 Strain Gauges Tier 1, Tier 2, and Tier

4 STRAIN GAUGES MARKET BY TYPE

- 4.1 Strain Gauges Type Introduction
 - 4.1.1 Stress Analysis Type

- 4.1.2 Transducer Type
- 4.1.3 Other (for Special Applications)
- 4.2 Global Strain Gauges Production by Type
 - 4.2.1 Global Strain Gauges Production by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global Strain Gauges Production by Type (2019-2030)
 - 4.2.3 Global Strain Gauges Production Market Share by Type (2019-2030)
- 4.3 Global Strain Gauges Production Value by Type
 - 4.3.1 Global Strain Gauges Production Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global Strain Gauges Production Value by Type (2019-2030)
 - 4.3.3 Global Strain Gauges Production Value Market Share by Type (2019-2030)

5 STRAIN GAUGES MARKET BY APPLICATION

- 5.1 Strain Gauges Application Introduction
 - 5.1.1 Electronics and Measurement
 - 5.1.2 Construction
 - 5.1.3 Industrial
 - 5.1.4 Other
- 5.2 Global Strain Gauges Production by Application
 - 5.2.1 Global Strain Gauges Production by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global Strain Gauges Production by Application (2019-2030)
 - 5.2.3 Global Strain Gauges Production Market Share by Application (2019-2030)
- 5.3 Global Strain Gauges Production Value by Application
 - 5.3.1 Global Strain Gauges Production Value by Application (2019 VS 2023 VS 2030)
 - 5.3.2 Global Strain Gauges Production Value by Application (2019-2030)
 - 5.3.3 Global Strain Gauges Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

- 6.1 VPG
 - 6.1.1 VPG Company Information
 - 6.1.2 VPG Business Overview
 - 6.1.3 VPG Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.1.4 VPG Strain Gauges Product Portfolio
 - 6.1.5 VPG Recent Developments
- 6.2 HBM
 - 6.2.1 HBM Company Information
 - 6.2.2 HBM Business Overview

- 6.2.3 HBM Strain Gauges Production, Value and Gross Margin (2019-2024)
- 6.2.4 HBM Strain Gauges Product Portfolio
- 6.2.5 HBM Recent Developments
- 6.3 Zemic
 - 6.3.1 Zemic Company Information
 - 6.3.2 Zemic Business Overview
 - 6.3.3 Zemic Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.3.4 Zemic Strain Gauges Product Portfolio
 - 6.3.5 Zemic Recent Developments
- 6.4 Yiling
 - 6.4.1 Yiling Company Information
 - 6.4.2 Yiling Business Overview
 - 6.4.3 Yiling Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.4.4 Yiling Strain Gauges Product Portfolio
 - 6.4.5 Yiling Recent Developments
- 6.5 HYCSYQ
 - 6.5.1 HYCSYQ Company Information
 - 6.5.2 HYCSYQ Business Overview
 - 6.5.3 HYCSYQ Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.5.4 HYCSYQ Strain Gauges Product Portfolio
 - 6.5.5 HYCSYQ Recent Developments
- 6.6 NMB
 - 6.6.1 NMB Company Information
 - 6.6.2 NMB Business Overview
 - 6.6.3 NMB Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.6.4 NMB Strain Gauges Product Portfolio
 - 6.6.5 NMB Recent Developments
- 6.7 KYOWA
 - 6.7.1 KYOWA Company Information
 - 6.7.2 KYOWA Business Overview
 - 6.7.3 KYOWA Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.7.4 KYOWA Strain Gauges Product Portfolio
 - 6.7.5 KYOWA Recent Developments
- 6.8 LCT
 - 6.8.1 LCT Company Information
 - 6.8.2 LCT Business Overview
 - 6.8.3 LCT Strain Gauges Production, Value and Gross Margin (2019-2024)
 - 6.8.4 LCT Strain Gauges Product Portfolio
 - 6.8.5 LCT Recent Developments

6.9 Omega

6.9.1 Omega Company Information

6.9.2 Omega Business Overview

6.9.3 Omega Strain Gauges Production, Value and Gross Margin (2019-2024)

6.9.4 Omega Strain Gauges Product Portfolio

6.9.5 Omega Recent Developments

6.10 TML

6.10.1 TML Company Information

6.10.2 TML Business Overview

6.10.3 TML Strain Gauges Production, Value and Gross Margin (2019-2024)

6.10.4 TML Strain Gauges Product Portfolio

6.10.5 TML Recent Developments

6.11 BCM

6.11.1 BCM Company Information

6.11.2 BCM Business Overview

6.11.3 BCM Strain Gauges Production, Value and Gross Margin (2019-2024)

6.11.4 BCM Strain Gauges Product Portfolio

6.11.5 BCM Recent Developments

6.12 Piezo-Metrics

6.12.1 Piezo-Metrics Company Information

6.12.2 Piezo-Metrics Business Overview

6.12.3 Piezo-Metrics Strain Gauges Production, Value and Gross Margin (2019-2024)

6.12.4 Piezo-Metrics Strain Gauges Product Portfolio

6.12.5 Piezo-Metrics Recent Developments

6.13 Hualanhai

6.13.1 Hualanhai Company Information

6.13.2 Hualanhai Business Overview

6.13.3 Hualanhai Strain Gauges Production, Value and Gross Margin (2019-2024)

6.13.4 Hualanhai Strain Gauges Product Portfolio

6.13.5 Hualanhai Recent Developments

7 GLOBAL STRAIN GAUGES PRODUCTION BY REGION

7.1 Global Strain Gauges Production by Region: 2019 VS 2023 VS 2030

7.2 Global Strain Gauges Production by Region (2019-2030)

7.2.1 Global Strain Gauges Production by Region: 2019-2024

7.2.2 Global Strain Gauges Production by Region (2025-2030)

7.3 Global Strain Gauges Production by Region: 2019 VS 2023 VS 2030

7.4 Global Strain Gauges Production Value by Region (2019-2030)

- 7.4.1 Global Strain Gauges Production Value by Region: 2019-2024
- 7.4.2 Global Strain Gauges Production Value by Region (2025-2030)
- 7.5 Global Strain Gauges Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
 - 7.6.1 North America Strain Gauges Production Value (2019-2030)
 - 7.6.2 Europe Strain Gauges Production Value (2019-2030)
 - 7.6.3 Asia-Pacific Strain Gauges Production Value (2019-2030)
 - 7.6.4 Latin America Strain Gauges Production Value (2019-2030)
 - 7.6.5 Middle East & Africa Strain Gauges Production Value (2019-2030)

8 GLOBAL STRAIN GAUGES CONSUMPTION BY REGION

- 8.1 Global Strain Gauges Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global Strain Gauges Consumption by Region (2019-2030)
 - 8.2.1 Global Strain Gauges Consumption by Region (2019-2024)
 - 8.2.2 Global Strain Gauges Consumption by Region (2025-2030)
- 8.3 North America
 - 8.3.1 North America Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.3.2 North America Strain Gauges Consumption by Country (2019-2030)
 - 8.3.3 U.S.
 - 8.3.4 Canada
- 8.4 Europe
 - 8.4.1 Europe Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.4.2 Europe Strain Gauges Consumption by Country (2019-2030)
 - 8.4.3 Germany
 - 8.4.4 France
 - 8.4.5 U.K.
 - 8.4.6 Italy
 - 8.4.7 Netherlands
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.5.2 Asia Pacific Strain Gauges Consumption by Country (2019-2030)
 - 8.5.3 China
 - 8.5.4 Japan
 - 8.5.5 South Korea
 - 8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Strain Gauges Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 Strain Gauges Value Chain Analysis

9.1.1 Strain Gauges Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Strain Gauges Production Mode & Process

9.2 Strain Gauges Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Strain Gauges Distributors

9.2.3 Strain Gauges Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Strain Gauges Industry Trends

Table 2. Strain Gauges Industry Drivers

Table 3. Strain Gauges Industry Opportunities and Challenges

Table 4. Strain Gauges Industry Restraints

Table 5. Global Strain Gauges Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 6. Global Strain Gauges Production Value Market Share by Manufacturers (2019-2024)

Table 7. Global Strain Gauges Production by Manufacturers (K Pcs) & (2019-2024)

Table 8. Global Strain Gauges Production Market Share by Manufacturers

Table 9. Global Strain Gauges Average Price (USD/Pcs) of Manufacturers (2019-2024)

Table 10. Global Strain Gauges Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global Strain Gauges Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 12. Global Strain Gauges Key Manufacturers Manufacturing Sites & Headquarters

Table 13. Global Strain Gauges Manufacturers, Product Type & Application

Table 14. Global Strain Gauges Manufacturers Commercialization Time

Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 16. Global Strain Gauges by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 17. Major Manufacturers of Stress Analysis Type

Table 18. Major Manufacturers of Transducer Type

Table 19. Major Manufacturers of Other (for Special Applications)

Table 20. Global Strain Gauges Production by type 2019 VS 2023 VS 2030 (K Pcs)

Table 21. Global Strain Gauges Production by type (2019-2024) & (K Pcs)

Table 22. Global Strain Gauges Production by type (2025-2030) & (K Pcs)

Table 23. Global Strain Gauges Production Market Share by type (2019-2024)

Table 24. Global Strain Gauges Production Market Share by type (2025-2030)

Table 25. Global Strain Gauges Production Value by type 2019 VS 2023 VS 2030 (K Pcs)

Table 26. Global Strain Gauges Production Value by type (2019-2024) & (K Pcs)

Table 27. Global Strain Gauges Production Value by type (2025-2030) & (K Pcs)

Table 28. Global Strain Gauges Production Value Market Share by type (2019-2024)

- Table 29. Global Strain Gauges Production Value Market Share by type (2025-2030)
- Table 30. Major Manufacturers of Electronics and Measurement
- Table 31. Major Manufacturers of Construction
- Table 32. Major Manufacturers of Industrial
- Table 33. Major Manufacturers of Other
- Table 34. Global Strain Gauges Production by application 2019 VS 2023 VS 2030 (K Pcs)
- Table 35. Global Strain Gauges Production by application (2019-2024) & (K Pcs)
- Table 36. Global Strain Gauges Production by application (2025-2030) & (K Pcs)
- Table 37. Global Strain Gauges Production Market Share by application (2019-2024)
- Table 38. Global Strain Gauges Production Market Share by application (2025-2030)
- Table 39. Global Strain Gauges Production Value by application 2019 VS 2023 VS 2030 (K Pcs)
- Table 40. Global Strain Gauges Production Value by application (2019-2024) & (K Pcs)
- Table 41. Global Strain Gauges Production Value by application (2025-2030) & (K Pcs)
- Table 42. Global Strain Gauges Production Value Market Share by application (2019-2024)
- Table 43. Global Strain Gauges Production Value Market Share by application (2025-2030)
- Table 44. VPG Company Information
- Table 45. VPG Business Overview
- Table 46. VPG Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 47. VPG Strain Gauges Product Portfolio
- Table 48. VPG Recent Development
- Table 49. HBM Company Information
- Table 50. HBM Business Overview
- Table 51. HBM Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 52. HBM Strain Gauges Product Portfolio
- Table 53. HBM Recent Development
- Table 54. Zemic Company Information
- Table 55. Zemic Business Overview
- Table 56. Zemic Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 57. Zemic Strain Gauges Product Portfolio
- Table 58. Zemic Recent Development
- Table 59. Yiling Company Information
- Table 60. Yiling Business Overview

- Table 61. Yiling Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 62. Yiling Strain Gauges Product Portfolio
- Table 63. Yiling Recent Development
- Table 64. HYCSYQ Company Information
- Table 65. HYCSYQ Business Overview
- Table 66. HYCSYQ Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 67. HYCSYQ Strain Gauges Product Portfolio
- Table 68. HYCSYQ Recent Development
- Table 69. NMB Company Information
- Table 70. NMB Business Overview
- Table 71. NMB Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 72. NMB Strain Gauges Product Portfolio
- Table 73. NMB Recent Development
- Table 74. KYOWA Company Information
- Table 75. KYOWA Business Overview
- Table 76. KYOWA Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 77. KYOWA Strain Gauges Product Portfolio
- Table 78. KYOWA Recent Development
- Table 79. LCT Company Information
- Table 80. LCT Business Overview
- Table 81. LCT Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 82. LCT Strain Gauges Product Portfolio
- Table 83. LCT Recent Development
- Table 84. Omega Company Information
- Table 85. Omega Business Overview
- Table 86. Omega Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 87. Omega Strain Gauges Product Portfolio
- Table 88. Omega Recent Development
- Table 89. TML Company Information
- Table 90. TML Business Overview
- Table 91. TML Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 92. TML Strain Gauges Product Portfolio

- Table 93. TML Recent Development
- Table 94. BCM Company Information
- Table 95. BCM Business Overview
- Table 96. BCM Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 97. BCM Strain Gauges Product Portfolio
- Table 98. BCM Recent Development
- Table 99. Piezo-Metrics Company Information
- Table 100. Piezo-Metrics Business Overview
- Table 101. Piezo-Metrics Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 102. Piezo-Metrics Strain Gauges Product Portfolio
- Table 103. Piezo-Metrics Recent Development
- Table 104. Hualanhai Company Information
- Table 105. Hualanhai Business Overview
- Table 106. Hualanhai Strain Gauges Production (K Pcs), Value (US\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)
- Table 107. Hualanhai Strain Gauges Product Portfolio
- Table 108. Hualanhai Recent Development
- Table 109. Global Strain Gauges Production by Region: 2019 VS 2023 VS 2030 (K Pcs)
- Table 110. Global Strain Gauges Production by Region (2019-2024) & (K Pcs)
- Table 111. Global Strain Gauges Production Market Share by Region (2019-2024)
- Table 112. Global Strain Gauges Production Forecast by Region (2025-2030) & (K Pcs)
- Table 113. Global Strain Gauges Production Market Share Forecast by Region (2025-2030)
- Table 114. Global Strain Gauges Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)
- Table 115. Global Strain Gauges Production Value by Region (2019-2024) & (US\$ Million)
- Table 116. Global Strain Gauges Production Value Forecast by Region (2025-2030) & (US\$ Million)
- Table 117. Global Strain Gauges Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)
- Table 118. Global Strain Gauges Market Average Price (USD/Pcs) by Region (2019-2024)
- Table 119. Global Strain Gauges Market Average Price (USD/Pcs) by Region (2025-2030)
- Table 120. Global Strain Gauges Consumption by Region: 2019 VS 2023 VS 2030 (K Pcs)

Table 121. Global Strain Gauges Consumption by Region (2019-2024) & (K Pcs)

Table 122. Global Strain Gauges Consumption Market Share by Region (2019-2024)

Table 123. Global Strain Gauges Consumption Forecasted by Region (2025-2030) & (K Pcs)

Table 124. Global Strain Gauges Consumption Forecasted Market Share by Region (2025-2030)

Table 125. North America Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Pcs)

Table 126. North America Strain Gauges Consumption by Country (2019-2024) & (K Pcs)

Table 127. North America Strain Gauges Consumption by Country (2025-2030) & (K Pcs)

Table 128. Europe Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Pcs)

Table 129. Europe Strain Gauges Consumption by Country (2019-2024) & (K Pcs)

Table 130. Europe Strain Gauges Consumption by Country (2025-2030) & (K Pcs)

Table 131. Asia Pacific Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Pcs)

Table 132. Asia Pacific Strain Gauges Consumption by Country (2019-2024) & (K Pcs)

Table 133. Asia Pacific Strain Gauges Consumption by Country (2025-2030) & (K Pcs)

Table 134. LAMEA Strain Gauges Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K Pcs)

Table 135. LAMEA Strain Gauges Consumption by Country (2019-2024) & (K Pcs)

Table 136. LAMEA Strain Gauges Consumption by Country (2025-2030) & (K Pcs)

Table 137. Key Raw Materials

Table 138. Raw Materials Key Suppliers

Table 139. Strain Gauges Distributors List

Table 140. Strain Gauges Customers List

Table 141. Research Programs/Design for This Report

Table 142. Authors List of This Report

Table 143. Secondary Sources

Table 144. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Strain Gauges Product Picture
- Figure 2. Global Strain Gauges Production Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Strain Gauges Production Value (2019-2030) & (US\$ Million)
- Figure 4. Global Strain Gauges Production Capacity (2019-2030) & (K Pcs)
- Figure 5. Global Strain Gauges Production (2019-2030) & (K Pcs)
- Figure 6. Global Strain Gauges Average Price (USD/Pcs) & (2019-2030)
- Figure 7. Global Top 5 and 10 Strain Gauges Players Market Share by Production Value in 2023
- Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 9. Stress Analysis Type Picture
- Figure 10. Transducer Type Picture
- Figure 11. Other (for Special Applications) Picture
- Figure 12. Global Strain Gauges Production by Type (2019 VS 2023 VS 2030) & (K Pcs)
- Figure 13. Global Strain Gauges Production Market Share 2019 VS 2023 VS 2030
- Figure 14. Global Strain Gauges Production Market Share by Type (2019-2030)
- Figure 15. Global Strain Gauges Production Value by Type (2019 VS 2023 VS 2030) & (K Pcs)
- Figure 16. Global Strain Gauges Production Value Share 2019 VS 2023 VS 2030
- Figure 17. Global Strain Gauges Production Value Share by Type (2019-2030)
- Figure 18. Electronics and Measurement Picture
- Figure 19. Construction Picture
- Figure 20. Industrial Picture
- Figure 21. Other Picture
- Figure 22. Global Strain Gauges Production by Application (2019 VS 2023 VS 2030) & (K Pcs)
- Figure 23. Global Strain Gauges Production Market Share 2019 VS 2023 VS 2030
- Figure 24. Global Strain Gauges Production Market Share by Application (2019-2030)
- Figure 25. Global Strain Gauges Production Value by Application (2019 VS 2023 VS 2030) & (K Pcs)
- Figure 26. Global Strain Gauges Production Value Share 2019 VS 2023 VS 2030
- Figure 27. Global Strain Gauges Production Value Share by Application (2019-2030)
- Figure 28. Global Strain Gauges Production by Region: 2019 VS 2023 VS 2030 (K Pcs)
- Figure 29. Global Strain Gauges Production Market Share by Region: 2019 VS 2023 VS 2030

Figure 30. Global Strain Gauges Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 31. Global Strain Gauges Production Value Share by Region: 2019 VS 2023 VS 2030

Figure 32. North America Strain Gauges Production Value (2019-2030) & (US\$ Million)

Figure 33. Europe Strain Gauges Production Value (2019-2030) & (US\$ Million)

Figure 34. Asia-Pacific Strain Gauges Production Value (2019-2030) & (US\$ Million)

Figure 35. Latin America Strain Gauges Production Value (2019-2030) & (US\$ Million)

Figure 36. Middle East & Africa Strain Gauges Production Value (2019-2030) & (US\$ Million)

Figure 37. North America Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 38. North America Strain Gauges Consumption Market Share by Country (2019-2030)

Figure 39. U.S. Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 40. Canada Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 41. Europe Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 42. Europe Strain Gauges Consumption Market Share by Country (2019-2030)

Figure 43. Germany Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 44. France Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 45. U.K. Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 46. Italy Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 47. Netherlands Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 48. Asia Pacific Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 49. Asia Pacific Strain Gauges Consumption Market Share by Country (2019-2030)

Figure 50. China Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 51. Japan Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 52. South Korea Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 53. Southeast Asia Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 54. India Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 55. Australia Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 56. LAMEA Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 57. LAMEA Strain Gauges Consumption Market Share by Country (2019-2030)

Figure 58. Mexico Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 59. Brazil Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 60. Turkey Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 61. GCC Countries Strain Gauges Consumption and Growth Rate (2019-2030) & (K Pcs)

Figure 62. Strain Gauges Value Chain

Figure 63. Manufacturing Cost Structure

Figure 64. Strain Gauges Production Mode & Process

Figure 65. Direct Comparison with Distribution Share

Figure 66. Distributors Profiles

Figure 67. Years Considered

Figure 68. Research Process

Figure 69. Key Executives Interviewed

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