

Global Foil Strain Gauge Market Growth 2023-2029

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Abstracts

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Foil strain gauge is a sensor used to measure the relative change of material length (strain) due to the applied force. This deformation is recorded as compression or tension and is greatly affected by the elastic properties of the tested material. Positive strain refers to the elongation of mechanical parts, while negative strain refers to the compression of materials. Foil strain gauge is used to determine the value and direction of strain. This is achieved through a measurement grid, which is usually installed on the material surface to obtain the applied strain as the effect of resistance change on the nominal resistance and sensitivity factor of foil strain gauge. It records compression as a decrease in resistance and elongation as an increase.

LPI (LP Information)' newest research report, the "Foil Strain Gauge Industry Forecast" looks at past sales and reviews total world Foil Strain Gauge sales in 2022, providing a comprehensive analysis by region and market sector of projected Foil Strain Gauge sales for 2023 through 2029. With Foil Strain Gauge sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Foil Strain Gauge industry.

This Insight Report provides a comprehensive analysis of the global Foil Strain Gauge landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Foil Strain Gauge portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Foil Strain Gauge market.

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Foil Strain Gauge and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Foil Strain Gauge.

The global Foil Strain Gauge market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Foil Strain Gauge is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Foil Strain Gauge is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Foil Strain Gauge is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Foil Strain Gauge players cover Kyowa Electronic Instruments, Hudson Technologies, HBK, Tokyo Measuring Instruments Laboratory, BCM Sensor, Althen Sensors, Hamilton Precision Metals, ME-Systeme and ESI Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Foil Strain Gauge market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

linear

Ring

Chain

Others

Segmentation by application

Residual Stress Measurement

Shear Strain Measurement

Torque Measurement

Stress Concentration Measurement

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Kyowa Electronic Instruments

Hudson Technologies

HBK

Tokyo Measuring Instruments Laboratory

BCM Sensor

Althen Sensors

Hamilton Precision Metals

ME-Systeme

ESI Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Foil Strain Gauge market?

What factors are driving Foil Strain Gauge market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Foil Strain Gauge market opportunities vary by end market size?

How does Foil Strain Gauge break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Foil Strain Gauge Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for Foil Strain Gauge by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for Foil Strain Gauge by Country/Region, 2018, 2022 & 2029
- 2.2 Foil Strain Gauge Segment by Type
 - 2.2.1 linear
 - 2.2.2 Ring
 - 2.2.3 Chain
 - 2.2.4 Others
- 2.3 Foil Strain Gauge Sales by Type
 - 2.3.1 Global Foil Strain Gauge Sales Market Share by Type (2018-2023)
 - 2.3.2 Global Foil Strain Gauge Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global Foil Strain Gauge Sale Price by Type (2018-2023)
- 2.4 Foil Strain Gauge Segment by Application
 - 2.4.1 Residual Stress Measurement
 - 2.4.2 Shear Strain Measurement
 - 2.4.3 Torque Measurement
 - 2.4.4 Stress Concentration Measurement
 - 2.4.5 Others
- 2.5 Foil Strain Gauge Sales by Application
 - 2.5.1 Global Foil Strain Gauge Sale Market Share by Application (2018-2023)
 - 2.5.2 Global Foil Strain Gauge Revenue and Market Share by Application (2018-2023)

2.5.3 Global Foil Strain Gauge Sale Price by Application (2018-2023)

3 GLOBAL FOIL STRAIN GAUGE BY COMPANY

3.1 Global Foil Strain Gauge Breakdown Data by Company

3.1.1 Global Foil Strain Gauge Annual Sales by Company (2018-2023)

3.1.2 Global Foil Strain Gauge Sales Market Share by Company (2018-2023)

3.2 Global Foil Strain Gauge Annual Revenue by Company (2018-2023)

3.2.1 Global Foil Strain Gauge Revenue by Company (2018-2023)

3.2.2 Global Foil Strain Gauge Revenue Market Share by Company (2018-2023)

3.3 Global Foil Strain Gauge Sale Price by Company

3.4 Key Manufacturers Foil Strain Gauge Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Foil Strain Gauge Product Location Distribution

3.4.2 Players Foil Strain Gauge Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR FOIL STRAIN GAUGE BY GEOGRAPHIC REGION

4.1 World Historic Foil Strain Gauge Market Size by Geographic Region (2018-2023)

4.1.1 Global Foil Strain Gauge Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Foil Strain Gauge Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Foil Strain Gauge Market Size by Country/Region (2018-2023)

4.2.1 Global Foil Strain Gauge Annual Sales by Country/Region (2018-2023)

4.2.2 Global Foil Strain Gauge Annual Revenue by Country/Region (2018-2023)

4.3 Americas Foil Strain Gauge Sales Growth

4.4 APAC Foil Strain Gauge Sales Growth

4.5 Europe Foil Strain Gauge Sales Growth

4.6 Middle East & Africa Foil Strain Gauge Sales Growth

5 AMERICAS

5.1 Americas Foil Strain Gauge Sales by Country

5.1.1 Americas Foil Strain Gauge Sales by Country (2018-2023)

- 5.1.2 Americas Foil Strain Gauge Revenue by Country (2018-2023)
- 5.2 Americas Foil Strain Gauge Sales by Type
- 5.3 Americas Foil Strain Gauge Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Foil Strain Gauge Sales by Region
 - 6.1.1 APAC Foil Strain Gauge Sales by Region (2018-2023)
 - 6.1.2 APAC Foil Strain Gauge Revenue by Region (2018-2023)
- 6.2 APAC Foil Strain Gauge Sales by Type
- 6.3 APAC Foil Strain Gauge Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Foil Strain Gauge by Country
 - 7.1.1 Europe Foil Strain Gauge Sales by Country (2018-2023)
 - 7.1.2 Europe Foil Strain Gauge Revenue by Country (2018-2023)
- 7.2 Europe Foil Strain Gauge Sales by Type
- 7.3 Europe Foil Strain Gauge Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Foil Strain Gauge by Country

- 8.1.1 Middle East & Africa Foil Strain Gauge Sales by Country (2018-2023)
- 8.1.2 Middle East & Africa Foil Strain Gauge Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Foil Strain Gauge Sales by Type
- 8.3 Middle East & Africa Foil Strain Gauge Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Foil Strain Gauge
- 10.3 Manufacturing Process Analysis of Foil Strain Gauge
- 10.4 Industry Chain Structure of Foil Strain Gauge

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Foil Strain Gauge Distributors
- 11.3 Foil Strain Gauge Customer

12 WORLD FORECAST REVIEW FOR FOIL STRAIN GAUGE BY GEOGRAPHIC REGION

- 12.1 Global Foil Strain Gauge Market Size Forecast by Region
 - 12.1.1 Global Foil Strain Gauge Forecast by Region (2024-2029)
 - 12.1.2 Global Foil Strain Gauge Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region

- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Foil Strain Gauge Forecast by Type
- 12.7 Global Foil Strain Gauge Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Kyowa Electronic Instruments

- 13.1.1 Kyowa Electronic Instruments Company Information
- 13.1.2 Kyowa Electronic Instruments Foil Strain Gauge Product Portfolios and Specifications
- 13.1.3 Kyowa Electronic Instruments Foil Strain Gauge Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.1.4 Kyowa Electronic Instruments Main Business Overview
- 13.1.5 Kyowa Electronic Instruments Latest Developments

13.2 Hudson Technologies

- 13.2.1 Hudson Technologies Company Information
- 13.2.2 Hudson Technologies Foil Strain Gauge Product Portfolios and Specifications
- 13.2.3 Hudson Technologies Foil Strain Gauge Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.2.4 Hudson Technologies Main Business Overview
- 13.2.5 Hudson Technologies Latest Developments

13.3 HBK

- 13.3.1 HBK Company Information
- 13.3.2 HBK Foil Strain Gauge Product Portfolios and Specifications
- 13.3.3 HBK Foil Strain Gauge Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.3.4 HBK Main Business Overview
- 13.3.5 HBK Latest Developments

13.4 Tokyo Measuring Instruments Laboratory

- 13.4.1 Tokyo Measuring Instruments Laboratory Company Information
- 13.4.2 Tokyo Measuring Instruments Laboratory Foil Strain Gauge Product Portfolios and Specifications
- 13.4.3 Tokyo Measuring Instruments Laboratory Foil Strain Gauge Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.4.4 Tokyo Measuring Instruments Laboratory Main Business Overview
- 13.4.5 Tokyo Measuring Instruments Laboratory Latest Developments

13.5 BCM Sensor

- 13.5.1 BCM Sensor Company Information
- 13.5.2 BCM Sensor Foil Strain Gauge Product Portfolios and Specifications

13.5.3 BCM Sensor Foil Strain Gauge Sales, Revenue, Price and Gross Margin
(2018-2023)

13.5.4 BCM Sensor Main Business Overview

13.5.5 BCM Sensor Latest Developments

13.6 Althen Sensors

13.6.1 Althen Sensors Company Information

13.6.2 Althen Sensors Foil Strain Gauge Product Portfolios and Specifications

13.6.3 Althen Sensors Foil Strain Gauge Sales, Revenue, Price and Gross Margin
(2018-2023)

13.6.4 Althen Sensors Main Business Overview

13.6.5 Althen Sensors Latest Developments

13.7 Hamilton Precision Metals

13.7.1 Hamilton Precision Metals Company Information

13.7.2 Hamilton Precision Metals Foil Strain Gauge Product Portfolios and
Specifications

13.7.3 Hamilton Precision Metals Foil Strain Gauge Sales, Revenue, Price and Gross
Margin (2018-2023)

13.7.4 Hamilton Precision Metals Main Business Overview

13.7.5 Hamilton Precision Metals Latest Developments

13.8 ME-Systeme

13.8.1 ME-Systeme Company Information

13.8.2 ME-Systeme Foil Strain Gauge Product Portfolios and Specifications

13.8.3 ME-Systeme Foil Strain Gauge Sales, Revenue, Price and Gross Margin
(2018-2023)

13.8.4 ME-Systeme Main Business Overview

13.8.5 ME-Systeme Latest Developments

13.9 ESI Technology

13.9.1 ESI Technology Company Information

13.9.2 ESI Technology Foil Strain Gauge Product Portfolios and Specifications

13.9.3 ESI Technology Foil Strain Gauge Sales, Revenue, Price and Gross Margin
(2018-2023)

13.9.4 ESI Technology Main Business Overview

13.9.5 ESI Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Foil Strain Gauge Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Foil Strain Gauge Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of linear

Table 4. Major Players of Ring

Table 5. Major Players of Chain

Table 6. Major Players of Others

Table 7. Global Foil Strain Gauge Sales by Type (2018-2023) & (K Units)

Table 8. Global Foil Strain Gauge Sales Market Share by Type (2018-2023)

Table 9. Global Foil Strain Gauge Revenue by Type (2018-2023) & (\$ million)

Table 10. Global Foil Strain Gauge Revenue Market Share by Type (2018-2023)

Table 11. Global Foil Strain Gauge Sale Price by Type (2018-2023) & (US\$/Unit)

Table 12. Global Foil Strain Gauge Sales by Application (2018-2023) & (K Units)

Table 13. Global Foil Strain Gauge Sales Market Share by Application (2018-2023)

Table 14. Global Foil Strain Gauge Revenue by Application (2018-2023)

Table 15. Global Foil Strain Gauge Revenue Market Share by Application (2018-2023)

Table 16. Global Foil Strain Gauge Sale Price by Application (2018-2023) & (US\$/Unit)

Table 17. Global Foil Strain Gauge Sales by Company (2018-2023) & (K Units)

Table 18. Global Foil Strain Gauge Sales Market Share by Company (2018-2023)

Table 19. Global Foil Strain Gauge Revenue by Company (2018-2023) (\$ Millions)

Table 20. Global Foil Strain Gauge Revenue Market Share by Company (2018-2023)

Table 21. Global Foil Strain Gauge Sale Price by Company (2018-2023) & (US\$/Unit)

Table 22. Key Manufacturers Foil Strain Gauge Producing Area Distribution and Sales Area

Table 23. Players Foil Strain Gauge Products Offered

Table 24. Foil Strain Gauge Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Foil Strain Gauge Sales by Geographic Region (2018-2023) & (K Units)

Table 28. Global Foil Strain Gauge Sales Market Share Geographic Region (2018-2023)

Table 29. Global Foil Strain Gauge Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Foil Strain Gauge Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Foil Strain Gauge Sales by Country/Region (2018-2023) & (K Units)

Table 32. Global Foil Strain Gauge Sales Market Share by Country/Region (2018-2023)

Table 33. Global Foil Strain Gauge Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Foil Strain Gauge Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Foil Strain Gauge Sales by Country (2018-2023) & (K Units)

Table 36. Americas Foil Strain Gauge Sales Market Share by Country (2018-2023)

Table 37. Americas Foil Strain Gauge Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Foil Strain Gauge Revenue Market Share by Country (2018-2023)

Table 39. Americas Foil Strain Gauge Sales by Type (2018-2023) & (K Units)

Table 40. Americas Foil Strain Gauge Sales by Application (2018-2023) & (K Units)

Table 41. APAC Foil Strain Gauge Sales by Region (2018-2023) & (K Units)

Table 42. APAC Foil Strain Gauge Sales Market Share by Region (2018-2023)

Table 43. APAC Foil Strain Gauge Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Foil Strain Gauge Revenue Market Share by Region (2018-2023)

Table 45. APAC Foil Strain Gauge Sales by Type (2018-2023) & (K Units)

Table 46. APAC Foil Strain Gauge Sales by Application (2018-2023) & (K Units)

Table 47. Europe Foil Strain Gauge Sales by Country (2018-2023) & (K Units)

Table 48. Europe Foil Strain Gauge Sales Market Share by Country (2018-2023)

Table 49. Europe Foil Strain Gauge Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Foil Strain Gauge Revenue Market Share by Country (2018-2023)

Table 51. Europe Foil Strain Gauge Sales by Type (2018-2023) & (K Units)

Table 52. Europe Foil Strain Gauge Sales by Application (2018-2023) & (K Units)

Table 53. Middle East & Africa Foil Strain Gauge Sales by Country (2018-2023) & (K Units)

Table 54. Middle East & Africa Foil Strain Gauge Sales Market Share by Country (2018-2023)

Table 55. Middle East & Africa Foil Strain Gauge Revenue by Country (2018-2023) & (\$ Millions)

Table 56. Middle East & Africa Foil Strain Gauge Revenue Market Share by Country (2018-2023)

Table 57. Middle East & Africa Foil Strain Gauge Sales by Type (2018-2023) & (K Units)

Table 58. Middle East & Africa Foil Strain Gauge Sales by Application (2018-2023) & (K Units)

Table 59. Key Market Drivers & Growth Opportunities of Foil Strain Gauge

Table 60. Key Market Challenges & Risks of Foil Strain Gauge

Table 61. Key Industry Trends of Foil Strain Gauge

Table 62. Foil Strain Gauge Raw Material

Table 63. Key Suppliers of Raw Materials

Table 64. Foil Strain Gauge Distributors List

Table 65. Foil Strain Gauge Customer List

Table 66. Global Foil Strain Gauge Sales Forecast by Region (2024-2029) & (K Units)

Table 67. Global Foil Strain Gauge Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 68. Americas Foil Strain Gauge Sales Forecast by Country (2024-2029) & (K Units)

Table 69. Americas Foil Strain Gauge Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 70. APAC Foil Strain Gauge Sales Forecast by Region (2024-2029) & (K Units)

Table 71. APAC Foil Strain Gauge Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 72. Europe Foil Strain Gauge Sales Forecast by Country (2024-2029) & (K Units)

Table 73. Europe Foil Strain Gauge Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Middle East & Africa Foil Strain Gauge Sales Forecast by Country (2024-2029) & (K Units)

Table 75. Middle East & Africa Foil Strain Gauge Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 76. Global Foil Strain Gauge Sales Forecast by Type (2024-2029) & (K Units)

Table 77. Global Foil Strain Gauge Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 78. Global Foil Strain Gauge Sales Forecast by Application (2024-2029) & (K Units)

Table 79. Global Foil Strain Gauge Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 80. Kyowa Electronic Instruments Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors

Table 81. Kyowa Electronic Instruments Foil Strain Gauge Product Portfolios and Specifications

Table 82. Kyowa Electronic Instruments Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 83. Kyowa Electronic Instruments Main Business

Table 84. Kyowa Electronic Instruments Latest Developments

Table 85. Hudson Technologies Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors

Table 86. Hudson Technologies Foil Strain Gauge Product Portfolios and Specifications
Table 87. Hudson Technologies Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
Table 88. Hudson Technologies Main Business
Table 89. Hudson Technologies Latest Developments
Table 90. HBK Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors
Table 91. HBK Foil Strain Gauge Product Portfolios and Specifications
Table 92. HBK Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
Table 93. HBK Main Business
Table 94. HBK Latest Developments
Table 95. Tokyo Measuring Instruments Laboratory Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors
Table 96. Tokyo Measuring Instruments Laboratory Foil Strain Gauge Product Portfolios and Specifications
Table 97. Tokyo Measuring Instruments Laboratory Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
Table 98. Tokyo Measuring Instruments Laboratory Main Business
Table 99. Tokyo Measuring Instruments Laboratory Latest Developments
Table 100. BCM Sensor Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors
Table 101. BCM Sensor Foil Strain Gauge Product Portfolios and Specifications
Table 102. BCM Sensor Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
Table 103. BCM Sensor Main Business
Table 104. BCM Sensor Latest Developments
Table 105. Althen Sensors Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors
Table 106. Althen Sensors Foil Strain Gauge Product Portfolios and Specifications
Table 107. Althen Sensors Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
Table 108. Althen Sensors Main Business
Table 109. Althen Sensors Latest Developments
Table 110. Hamilton Precision Metals Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors
Table 111. Hamilton Precision Metals Foil Strain Gauge Product Portfolios and Specifications
Table 112. Hamilton Precision Metals Foil Strain Gauge Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 113. Hamilton Precision Metals Main Business

Table 114. Hamilton Precision Metals Latest Developments

Table 115. ME-Systeme Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors

Table 116. ME-Systeme Foil Strain Gauge Product Portfolios and Specifications

Table 117. ME-Systeme Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 118. ME-Systeme Main Business

Table 119. ME-Systeme Latest Developments

Table 120. ESI Technology Basic Information, Foil Strain Gauge Manufacturing Base, Sales Area and Its Competitors

Table 121. ESI Technology Foil Strain Gauge Product Portfolios and Specifications

Table 122. ESI Technology Foil Strain Gauge Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 123. ESI Technology Main Business

Table 124. ESI Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Foil Strain Gauge
- Figure 2. Foil Strain Gauge Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Foil Strain Gauge Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Foil Strain Gauge Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Foil Strain Gauge Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of linear
- Figure 10. Product Picture of Ring
- Figure 11. Product Picture of Chain
- Figure 12. Product Picture of Others
- Figure 13. Global Foil Strain Gauge Sales Market Share by Type in 2022
- Figure 14. Global Foil Strain Gauge Revenue Market Share by Type (2018-2023)
- Figure 15. Foil Strain Gauge Consumed in Residual Stress Measurement
- Figure 16. Global Foil Strain Gauge Market: Residual Stress Measurement (2018-2023) & (K Units)
- Figure 17. Foil Strain Gauge Consumed in Shear Strain Measurement
- Figure 18. Global Foil Strain Gauge Market: Shear Strain Measurement (2018-2023) & (K Units)
- Figure 19. Foil Strain Gauge Consumed in Torque Measurement
- Figure 20. Global Foil Strain Gauge Market: Torque Measurement (2018-2023) & (K Units)
- Figure 21. Foil Strain Gauge Consumed in Stress Concentration Measurement
- Figure 22. Global Foil Strain Gauge Market: Stress Concentration Measurement (2018-2023) & (K Units)
- Figure 23. Foil Strain Gauge Consumed in Others
- Figure 24. Global Foil Strain Gauge Market: Others (2018-2023) & (K Units)
- Figure 25. Global Foil Strain Gauge Sales Market Share by Application (2022)
- Figure 26. Global Foil Strain Gauge Revenue Market Share by Application in 2022
- Figure 27. Foil Strain Gauge Sales Market by Company in 2022 (K Units)
- Figure 28. Global Foil Strain Gauge Sales Market Share by Company in 2022
- Figure 29. Foil Strain Gauge Revenue Market by Company in 2022 (\$ Million)
- Figure 30. Global Foil Strain Gauge Revenue Market Share by Company in 2022
- Figure 31. Global Foil Strain Gauge Sales Market Share by Geographic Region

(2018-2023)

Figure 32. Global Foil Strain Gauge Revenue Market Share by Geographic Region in 2022

Figure 33. Americas Foil Strain Gauge Sales 2018-2023 (K Units)

Figure 34. Americas Foil Strain Gauge Revenue 2018-2023 (\$ Millions)

Figure 35. APAC Foil Strain Gauge Sales 2018-2023 (K Units)

Figure 36. APAC Foil Strain Gauge Revenue 2018-2023 (\$ Millions)

Figure 37. Europe Foil Strain Gauge Sales 2018-2023 (K Units)

Figure 38. Europe Foil Strain Gauge Revenue 2018-2023 (\$ Millions)

Figure 39. Middle East & Africa Foil Strain Gauge Sales 2018-2023 (K Units)

Figure 40. Middle East & Africa Foil Strain Gauge Revenue 2018-2023 (\$ Millions)

Figure 41. Americas Foil Strain Gauge Sales Market Share by Country in 2022

Figure 42. Americas Foil Strain Gauge Revenue Market Share by Country in 2022

Figure 43. Americas Foil Strain Gauge Sales Market Share by Type (2018-2023)

Figure 44. Americas Foil Strain Gauge Sales Market Share by Application (2018-2023)

Figure 45. United States Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 46. Canada Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 47. Mexico Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Brazil Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 49. APAC Foil Strain Gauge Sales Market Share by Region in 2022

Figure 50. APAC Foil Strain Gauge Revenue Market Share by Regions in 2022

Figure 51. APAC Foil Strain Gauge Sales Market Share by Type (2018-2023)

Figure 52. APAC Foil Strain Gauge Sales Market Share by Application (2018-2023)

Figure 53. China Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Japan Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 55. South Korea Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Southeast Asia Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 57. India Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 58. Australia Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 59. China Taiwan Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 60. Europe Foil Strain Gauge Sales Market Share by Country in 2022

Figure 61. Europe Foil Strain Gauge Revenue Market Share by Country in 2022

Figure 62. Europe Foil Strain Gauge Sales Market Share by Type (2018-2023)

Figure 63. Europe Foil Strain Gauge Sales Market Share by Application (2018-2023)

Figure 64. Germany Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 65. France Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 66. UK Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Italy Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Russia Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Middle East & Africa Foil Strain Gauge Sales Market Share by Country in 2022

Figure 70. Middle East & Africa Foil Strain Gauge Revenue Market Share by Country in 2022

Figure 71. Middle East & Africa Foil Strain Gauge Sales Market Share by Type (2018-2023)

Figure 72. Middle East & Africa Foil Strain Gauge Sales Market Share by Application (2018-2023)

Figure 73. Egypt Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 74. South Africa Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Israel Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 76. Turkey Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 77. GCC Country Foil Strain Gauge Revenue Growth 2018-2023 (\$ Millions)

Figure 78. Manufacturing Cost Structure Analysis of Foil Strain Gauge in 2022

Figure 79. Manufacturing Process Analysis of Foil Strain Gauge

Figure 80. Industry Chain Structure of Foil Strain Gauge

Figure 81. Channels of Distribution

Figure 82. Global Foil Strain Gauge Sales Market Forecast by Region (2024-2029)

Figure 83. Global Foil Strain Gauge Revenue Market Share Forecast by Region (2024-2029)

Figure 84. Global Foil Strain Gauge Sales Market Share Forecast by Type (2024-2029)

Figure 85. Global Foil Strain Gauge Revenue Market Share Forecast by Type (2024-2029)

Figure 86. Global Foil Strain Gauge Sales Market Share Forecast by Application (2024-2029)

Figure 87. Global Foil Strain Gauge Revenue Market Share Forecast by Application (2024-2029)

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