

# Global MEMS Dynamic Inclinometer Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G488F078D741EN.html>

Date: June 2023

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: G488F078D741EN

## Abstracts

According to our (Global Info Research) latest study, the global MEMS Dynamic Inclinometer market size was valued at USD 366.8 million in 2022 and is forecast to a readjusted size of USD 486.4 million by 2029 with a CAGR of 4.1% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Integrating MEMS (Micro-Electro-Mechanical systems) in design of Tilt sensors helps with the size, cost and power consumption of such Dynamic Inclinometers. The market demand for MEMS dynamic inclinometer is driven by downstream construction machinery, ships, aviation and other fields.

A MEMS-based dynamic inclinometer integrates both a three-axis gyroscope and a three-axis accelerometer for real-time tilt measurement. In scenarios where the accelerometer data is affected by external acceleration interference, a three-axis gyroscope provides angular velocities around the three x, y, and z axes. This compensates for the interference. However, gyroscopes inherently suffer from a slight drift in output data over time.

This report is a detailed and comprehensive analysis for global MEMS Dynamic Inclinometer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

## Key Features:

Global MEMS Dynamic Inclinometer market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global MEMS Dynamic Inclinometer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global MEMS Dynamic Inclinometer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global MEMS Dynamic Inclinometer market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

## The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for MEMS Dynamic Inclinometer

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global MEMS Dynamic Inclinometer market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Baumer, DIS Sensors, POSITAL, Rion Technology and Bewis Sensing, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

MEMS Dynamic Inclinometer market is split by Type and by Application. For the period

2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Dynamic Accuracy

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of MEMS Dynamic Inclinometer

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global MEMS Dynamic Inclinometer Consumption Value by Type:  
2018 Versus 2022 Versus 2029

1.3.2 Dynamic Accuracy

## List Of Tables

### LIST OF TABLES

Table 1. Global MEMS Dynamic Inclinometer Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global MEMS Dynamic Inclinometer Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Baumer Basic Information, Manufacturing Base and Competitors

Table 4. Baumer Major Business

Table 5. Baumer MEMS Dynamic Inclinometer Product and Services

Table 6. Baumer MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Baumer Recent Developments/Updates

Table 8. DIS Sensors Basic Information, Manufacturing Base and Competitors

Table 9. DIS Sensors Major Business

Table 10. DIS Sensors MEMS Dynamic Inclinometer Product and Services

Table 11. DIS Sensors MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. DIS Sensors Recent Developments/Updates

Table 13. POSITAL Basic Information, Manufacturing Base and Competitors

Table 14. POSITAL Major Business

Table 15. POSITAL MEMS Dynamic Inclinometer Product and Services

Table 16. POSITAL MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. POSITAL Recent Developments/Updates

Table 18. Rion Technology Basic Information, Manufacturing Base and Competitors

Table 19. Rion Technology Major Business

Table 20. Rion Technology MEMS Dynamic Inclinometer Product and Services

Table 21. Rion Technology MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Rion Technology Recent Developments/Updates

Table 23. Bewis Sensing Basic Information, Manufacturing Base and Competitors

Table 24. Bewis Sensing Major Business

Table 25. Bewis Sensing MEMS Dynamic Inclinometer Product and Services

Table 26. Bewis Sensing MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 27. Bewis Sensing Recent Developments/Updates
- Table 28. ST Basic Information, Manufacturing Base and Competitors
- Table 29. ST Major Business
- Table 30. ST MEMS Dynamic Inclinometer Product and Services
- Table 31. ST MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. ST Recent Developments/Updates
- Table 33. Jewell Instruments Basic Information, Manufacturing Base and Competitors
- Table 34. Jewell Instruments Major Business
- Table 35. Jewell Instruments MEMS Dynamic Inclinometer Product and Services
- Table 36. Jewell Instruments MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Jewell Instruments Recent Developments/Updates
- Table 38. Wuxi Bewis Sensing Technology Basic Information, Manufacturing Base and Competitors
- Table 39. Wuxi Bewis Sensing Technology Major Business
- Table 40. Wuxi Bewis Sensing Technology MEMS Dynamic Inclinometer Product and Services
- Table 41. Wuxi Bewis Sensing Technology MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Wuxi Bewis Sensing Technology Recent Developments/Updates
- Table 43. BeanAi Basic Information, Manufacturing Base and Competitors
- Table 44. BeanAi Major Business
- Table 45. BeanAi MEMS Dynamic Inclinometer Product and Services
- Table 46. BeanAi MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. BeanAi Recent Developments/Updates
- Table 48. TSM Sensors Srl Basic Information, Manufacturing Base and Competitors
- Table 49. TSM Sensors Srl Major Business
- Table 50. TSM Sensors Srl MEMS Dynamic Inclinometer Product and Services
- Table 51. TSM Sensors Srl MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. TSM Sensors Srl Recent Developments/Updates
- Table 53. Parker Electronic Controls Division Basic Information, Manufacturing Base and Competitors
- Table 54. Parker Electronic Controls Division Major Business

Table 55. Parker Electronic Controls Division MEMS Dynamic Inclinometer Product and Services

Table 56. Parker Electronic Controls Division MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Parker Electronic Controls Division Recent Developments/Updates

Table 58. Omron Basic Information, Manufacturing Base and Competitors

Table 59. Omron Major Business

Table 60. Omron MEMS Dynamic Inclinometer Product and Services

Table 61. Omron MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Omron Recent Developments/Updates

Table 63. Sensorex Basic Information, Manufacturing Base and Competitors

Table 64. Sensorex Major Business

Table 65. Sensorex MEMS Dynamic Inclinometer Product and Services

Table 66. Sensorex MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Sensorex Recent Developments/Updates

Table 68. Elobau Basic Information, Manufacturing Base and Competitors

Table 69. Elobau Major Business

Table 70. Elobau MEMS Dynamic Inclinometer Product and Services

Table 71. Elobau MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Elobau Recent Developments/Updates

Table 73. Optoi Microelectronics Basic Information, Manufacturing Base and Competitors

Table 74. Optoi Microelectronics Major Business

Table 75. Optoi Microelectronics MEMS Dynamic Inclinometer Product and Services

Table 76. Optoi Microelectronics MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Optoi Microelectronics Recent Developments/Updates

Table 78. Turck Basic Information, Manufacturing Base and Competitors

Table 79. Turck Major Business

Table 80. Turck MEMS Dynamic Inclinometer Product and Services

Table 81. Turck MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Turck Recent Developments/Updates

Table 83. CARLEN Basic Information, Manufacturing Base and Competitors



Table 84. CARLEN Major Business

Table 85. CARLEN MEMS Dynamic Inclinometer Product and Services

Table 86. CARLEN MEMS Dynamic Inclinometer Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. CARLEN Recent Developments/Updates

Table 88. Global MEMS Dynamic Inclinometer Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 89. Global MEMS Dynamic Inclinometer Revenue by Manufacturer (2018-2023) & (USD Million)

Table 90. Global MEMS Dynamic Inclinometer Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 91. Market Position of Manufacturers in MEMS Dynamic Inclinometer, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 92. Head Office and MEMS Dynamic Inclinometer Production Site of Key Manufacturer

Table 93. MEMS Dynamic Inclinometer Market: Company Product Type Footprint

Table 94. MEMS Dynamic Inclinometer Market: Company Product Application Footprint

Table 95. MEMS Dynamic Inclinometer New Market Entrants and Barriers to Market Entry

Table 96. MEMS Dynamic Inclinometer Mergers, Acquisition, Agreements, and Collaborations

Table 97. Global MEMS Dynamic Inclinometer Sales Quantity by Region (2018-2023) & (K Units)

Table 98. Global MEMS Dynamic Inclinometer Sales Quantity by Region (2024-2029) & (K Units)

Table 99. Global MEMS Dynamic Inclinometer Consumption Value by Region (2018-2023) & (USD Million)

Table 100. Global MEMS Dynamic Inclinometer Consumption Value by Region (2024-2029) & (USD Million)

Table 101. Global MEMS Dynamic Inclinometer Average Price by Region (2018-2023) & (US\$/Unit)

Table 102. Global MEMS Dynamic Inclinometer Average Price by Region (2024-2029) & (US\$/Unit)

Table 103. Global MEMS Dynamic Inclinometer Sales Quantity by Type (2018-2023) & (K Units)

Table 104. Global MEMS Dynamic Inclinometer Sales Quantity by Type (2024-2029) & (K Units)

Table 105. Global MEMS Dynamic Inclinometer Consumption Value by Type (2018-2023) & (USD Million)



- Table 106. Global MEMS Dynamic Inclinometer Consumption Value by Type (2024-2029) & (USD Million)
- Table 107. Global MEMS Dynamic Inclinometer Average Price by Type (2018-2023) & (US\$/Unit)
- Table 108. Global MEMS Dynamic Inclinometer Average Price by Type (2024-2029) & (US\$/Unit)
- Table 109. Global MEMS Dynamic Inclinometer Sales Quantity by Application (2018-2023) & (K Units)
- Table 110. Global MEMS Dynamic Inclinometer Sales Quantity by Application (2024-2029) & (K Units)
- Table 111. Global MEMS Dynamic Inclinometer Consumption Value by Application (2018-2023) & (USD Million)
- Table 112. Global MEMS Dynamic Inclinometer Consumption Value by Application (2024-2029) & (USD Million)
- Table 113. Global MEMS Dynamic Inclinometer Average Price by Application (2018-2023) & (US\$/Unit)
- Table 114. Global MEMS Dynamic Inclinometer Average Price by Application (2024-2029) & (US\$/Unit)
- Table 115. North America MEMS Dynamic Inclinometer Sales Quantity by Type (2018-2023) & (K Units)
- Table 116. North America MEMS Dynamic Inclinometer Sales Quantity by Type (2024-2029) & (K Units)
- Table 117. North America MEMS Dynamic Inclinometer Sales Quantity by Application (2018-2023) & (K Units)
- Table 118. North America MEMS Dynamic Inclinometer Sales Quantity by Application (2024-2029) & (K Units)
- Table 119. North America MEMS Dynamic Inclinometer Sales Quantity by Country (2018-2023) & (K Units)
- Table 120. North America MEMS Dynamic Inclinometer Sales Quantity by Country (2024-2029) & (K Units)
- Table 121. North America MEMS Dynamic Inclinometer Consumption Value by Country (2018-2023) & (USD Million)
- Table 122. North America MEMS Dynamic Inclinometer Consumption Value by Country (2024-2029) & (USD Million)
- Table 123. Europe MEMS Dynamic Inclinometer Sales Quantity by Type (2018-2023) & (K Units)
- Table 124. Europe MEMS Dynamic Inclinometer Sales Quantity by Type (2024-2029) & (K Units)
- Table 125. Europe MEMS Dynamic Inclinometer Sales Quantity by Application

(2018-2023) & (K Units)

Table 126. Europe MEMS Dynamic Inclinometer Sales Quantity by Application (2024-2029) & (K Units)

Table 127. Europe MEMS Dynamic Inclinometer Sales Quantity by Country (2018-2023) & (K Units)

Table 128. Europe MEMS Dynamic Inclinometer Sales Quantity by Country (2024-2029) & (K Units)

Table 129. Europe MEMS Dynamic Inclinometer Consumption Value by Country (2018-2023) & (USD Million)

Table 130. Europe MEMS Dynamic Inclinometer Consumption Value by Country (2024-2029) & (USD Million)

Table 131. Asia-Pacific MEMS Dynamic Inclinometer Sales Quantity by Type (2018-2023) & (K Units)

Table 132. Asia-Pacific MEMS Dynamic Inclinometer Sales Quantity by Type (2024-2029) & (K Units)

Table 133. Asia-Pacific MEMS Dynamic Inclinometer Sales Quantity by Application (2018-2023) & (K Units)

Table 134. Asia-Pacific MEMS Dynamic Inclinometer Sales Quantity by Application (2024-2029) & (K Units)

Table 135. Asia-Pacific MEMS Dynamic Inclinometer Sales Quantity by Region (2018-2023) & (K Units)

Table 136. Asia-Pacific MEMS Dynamic Inclinometer Sales Quantity by Region (2024-2029) & (K Units)

Table 137. Asia-Pacific MEMS Dynamic Inclinometer Consumption Value by Region (2018-2023) & (USD Million)

Table 138. Asia-Pacific MEMS Dynamic Inclinometer Consumption Value by Region (2024-2029) & (USD Million)

Table 139. South America MEMS Dynamic Inclinometer Sales Quantity by Type (2018-2023) & (K Units)

Table 140. South America MEMS Dynamic Inclinometer Sales Quantity by Type (2024-2029) & (K Units)

Table 141. South America MEMS Dynamic Inclinometer Sales Quantity by Application (2018-2023) & (K Units)

Table 142. South America MEMS Dynamic Inclinometer Sales Quantity by Application (2024-2029) & (K Units)

Table 143. South America MEMS Dynamic Inclinometer Sales Quantity by Country (2018-2023) & (K Units)

Table 144. South America MEMS Dynamic Inclinometer Sales Quantity by Country (2024-2029) & (K Units)

Table 145. South America MEMS Dynamic Inclinometer Consumption Value by Country (2018-2023) & (USD Million)

Table 146. South America MEMS Dynamic Inclinometer Consumption Value by Country (2024-2029) & (USD Million)

Table 147. Middle East & Africa MEMS Dynamic Inclinometer Sales Quantity by Type (2018-2023) & (K Units)

Table 148. Middle East & Africa MEMS Dynamic Inclinometer Sales Quantity by Type (2024-2029) & (K Units)

Table 149. Middle East & Africa MEMS Dynamic Inclinometer Sales Quantity by Application (2018-2023) & (K Units)

Table 150. Middle East & Africa MEMS Dynamic Inclinometer Sales Quantity by Application (2024-2029) & (K Units)

Table 151. Middle East & Africa MEMS Dynamic Inclinometer Sales Quantity by Region (2018-2023) & (K Units)

Table 152. Middle East & Africa MEMS Dynamic Inclinometer Sales Quantity by Region (2024-2029) & (K Units)

Table 153. Middle East & Africa MEMS Dynamic Inclinometer Consumption Value by Region (2018-2023) & (USD Million)

Table 154. Middle East & Africa MEMS Dynamic Inclinometer Consumption Value by Region (2024-2029) & (USD Million)

Table 155. MEMS Dynamic Inclinometer Raw Material

Table 156. Key Manufacturers of MEMS Dynamic Inclinometer Raw Materials

Table 157. MEMS Dynamic Inclinometer Typical Distributors

Table 158. MEMS Dynamic Inclinometer Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. MEMS Dynamic Inclinometer Picture

Figure 2. Global MEMS Dynamic Inclinometer Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global MEMS Dynamic Inclinometer Consumption Value Market Share by Type in 2022

Figure 4. Dynamic Accuracy

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