

Global Robot 6-axis Force Torque Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G12F6CE36BEFEN.html>

Date: July 2023

Pages: 117

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

ID: G12F6CE36BEFEN

Abstracts

According to our (Global Info Research) latest study, the global Robot 6-axis Force Torque Sensor market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Robot 6-axis Force Torque Sensor 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 Robot 6-axis Force Torque Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Robot 6-axis Force Torque Sensor 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 Robot 6-axis Force Torque Sensor 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 Robot 6-axis Force Torque Sensor 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 Robot 6-axis Force Torque Sensor

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 Robot 6-axis Force Torque Sensor 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 ABB, Crane Electronics, FUTEK Advanced Sensor Technology, Applied Measurements and Honeywell International, 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

Robot 6-axis Force Torque Sensor 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

Static State

Market segment by Application

Welding Robots

Material Handling Robots

Palletizing Robots

Painting Robots

Assembly Robots

Others

Major players covered

ABB

Crane Electronics

FUTEK Advanced Sensor Technology

Applied Measurements

Honeywell International

Kistler Holding

Sensor Technology

Hottinger Baldwin Messtechnik

Norbar Torque Tools

Infineon Technologies

ATI Industrial Automation

OptoForce

Robotiq

OnRobot

HBM

Jiangsu Lanmec Electromechanical Technology Co., Ltd

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Robot 6-axis Force Torque Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Robot 6-axis Force Torque Sensor, with price, sales, revenue and global market share of Robot 6-axis Force Torque Sensor from 2018 to 2023.

Chapter 3, the Robot 6-axis Force Torque Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Robot 6-axis Force Torque Sensor breakdown data are shown at the

regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Robot 6-axis Force Torque Sensor market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Robot 6-axis Force Torque Sensor.

Chapter 14 and 15, to describe Robot 6-axis Force Torque Sensor sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Robot 6-axis Force Torque Sensor
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Robot 6-axis Force Torque Sensor Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Dynamic
 - 1.3.3 Static State
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Robot 6-axis Force Torque Sensor Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Welding Robots
 - 1.4.3 Material Handling Robots
 - 1.4.4 Palletizing Robots
 - 1.4.5 Painting Robots
 - 1.4.6 Assembly Robots
 - 1.4.7 Others
- 1.5 Global Robot 6-axis Force Torque Sensor Market Size & Forecast
 - 1.5.1 Global Robot 6-axis Force Torque Sensor Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Robot 6-axis Force Torque Sensor Sales Quantity (2018-2029)
 - 1.5.3 Global Robot 6-axis Force Torque Sensor Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 ABB
 - 2.1.1 ABB Details
 - 2.1.2 ABB Major Business
 - 2.1.3 ABB Robot 6-axis Force Torque Sensor Product and Services
 - 2.1.4 ABB Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 ABB Recent Developments/Updates
- 2.2 Crane Electronics
 - 2.2.1 Crane Electronics Details
 - 2.2.2 Crane Electronics Major Business
 - 2.2.3 Crane Electronics Robot 6-axis Force Torque Sensor Product and Services

2.2.4 Crane Electronics Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Crane Electronics Recent Developments/Updates

2.3 FUTEK Advanced Sensor Technology

2.3.1 FUTEK Advanced Sensor Technology Details

2.3.2 FUTEK Advanced Sensor Technology Major Business

2.3.3 FUTEK Advanced Sensor Technology Robot 6-axis Force Torque Sensor Product and Services

2.3.4 FUTEK Advanced Sensor Technology Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 FUTEK Advanced Sensor Technology Recent Developments/Updates

2.4 Applied Measurements

2.4.1 Applied Measurements Details

2.4.2 Applied Measurements Major Business

2.4.3 Applied Measurements Robot 6-axis Force Torque Sensor Product and Services

2.4.4 Applied Measurements Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Applied Measurements Recent Developments/Updates

2.5 Honeywell International

2.5.1 Honeywell International Details

2.5.2 Honeywell International Major Business

2.5.3 Honeywell International Robot 6-axis Force Torque Sensor Product and Services

2.5.4 Honeywell International Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Honeywell International Recent Developments/Updates

2.6 Kistler Holding

2.6.1 Kistler Holding Details

2.6.2 Kistler Holding Major Business

2.6.3 Kistler Holding Robot 6-axis Force Torque Sensor Product and Services

2.6.4 Kistler Holding Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Kistler Holding Recent Developments/Updates

2.7 Sensor Technology

2.7.1 Sensor Technology Details

2.7.2 Sensor Technology Major Business

2.7.3 Sensor Technology Robot 6-axis Force Torque Sensor Product and Services

2.7.4 Sensor Technology Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Sensor Technology Recent Developments/Updates

2.8 Hottinger Baldwin Messtechnik

2.8.1 Hottinger Baldwin Messtechnik Details

2.8.2 Hottinger Baldwin Messtechnik Major Business

2.8.3 Hottinger Baldwin Messtechnik Robot 6-axis Force Torque Sensor Product and Services

2.8.4 Hottinger Baldwin Messtechnik Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Hottinger Baldwin Messtechnik Recent Developments/Updates

2.9 Norbar Torque Tools

2.9.1 Norbar Torque Tools Details

2.9.2 Norbar Torque Tools Major Business

2.9.3 Norbar Torque Tools Robot 6-axis Force Torque Sensor Product and Services

2.9.4 Norbar Torque Tools Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Norbar Torque Tools Recent Developments/Updates

2.10 Infineon Technologies

2.10.1 Infineon Technologies Details

2.10.2 Infineon Technologies Major Business

2.10.3 Infineon Technologies Robot 6-axis Force Torque Sensor Product and Services

2.10.4 Infineon Technologies Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Infineon Technologies Recent Developments/Updates

2.11 ATI Industrial Automation

2.11.1 ATI Industrial Automation Details

2.11.2 ATI Industrial Automation Major Business

2.11.3 ATI Industrial Automation Robot 6-axis Force Torque Sensor Product and Services

2.11.4 ATI Industrial Automation Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 ATI Industrial Automation Recent Developments/Updates

2.12 OptoForce

2.12.1 OptoForce Details

2.12.2 OptoForce Major Business

2.12.3 OptoForce Robot 6-axis Force Torque Sensor Product and Services

2.12.4 OptoForce Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 OptoForce Recent Developments/Updates

2.13 Robotiq

2.13.1 Robotiq Details

- 2.13.2 Robotiq Major Business
- 2.13.3 Robotiq Robot 6-axis Force Torque Sensor Product and Services
- 2.13.4 Robotiq Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Robotiq Recent Developments/Updates
- 2.14 OnRobot
 - 2.14.1 OnRobot Details
 - 2.14.2 OnRobot Major Business
 - 2.14.3 OnRobot Robot 6-axis Force Torque Sensor Product and Services
 - 2.14.4 OnRobot Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 OnRobot Recent Developments/Updates
- 2.15 HBM
 - 2.15.1 HBM Details
 - 2.15.2 HBM Major Business
 - 2.15.3 HBM Robot 6-axis Force Torque Sensor Product and Services
 - 2.15.4 HBM Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 HBM Recent Developments/Updates
- 2.16 Jiangsu Lanmec Electromechanical Technology Co., Ltd
 - 2.16.1 Jiangsu Lanmec Electromechanical Technology Co., Ltd Details
 - 2.16.2 Jiangsu Lanmec Electromechanical Technology Co., Ltd Major Business
 - 2.16.3 Jiangsu Lanmec Electromechanical Technology Co., Ltd Robot 6-axis Force Torque Sensor Product and Services
 - 2.16.4 Jiangsu Lanmec Electromechanical Technology Co., Ltd Robot 6-axis Force Torque Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.16.5 Jiangsu Lanmec Electromechanical Technology Co., Ltd Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ROBOT 6-AXIS FORCE TORQUE SENSOR BY MANUFACTURER

- 3.1 Global Robot 6-axis Force Torque Sensor Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Robot 6-axis Force Torque Sensor Revenue by Manufacturer (2018-2023)
- 3.3 Global Robot 6-axis Force Torque Sensor Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)

- 3.4.1 Producer Shipments of Robot 6-axis Force Torque Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- 3.4.2 Top 3 Robot 6-axis Force Torque Sensor Manufacturer Market Share in 2022
- 3.4.2 Top 6 Robot 6-axis Force Torque Sensor Manufacturer Market Share in 2022
- 3.5 Robot 6-axis Force Torque Sensor Market: Overall Company Footprint Analysis
 - 3.5.1 Robot 6-axis Force Torque Sensor Market: Region Footprint
 - 3.5.2 Robot 6-axis Force Torque Sensor Market: Company Product Type Footprint
 - 3.5.3 Robot 6-axis Force Torque Sensor Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Robot 6-axis Force Torque Sensor Market Size by Region
 - 4.1.1 Global Robot 6-axis Force Torque Sensor Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Robot 6-axis Force Torque Sensor Consumption Value by Region (2018-2029)
 - 4.1.3 Global Robot 6-axis Force Torque Sensor Average Price by Region (2018-2029)
- 4.2 North America Robot 6-axis Force Torque Sensor Consumption Value (2018-2029)
- 4.3 Europe Robot 6-axis Force Torque Sensor Consumption Value (2018-2029)
- 4.4 Asia-Pacific Robot 6-axis Force Torque Sensor Consumption Value (2018-2029)
- 4.5 South America Robot 6-axis Force Torque Sensor Consumption Value (2018-2029)
- 4.6 Middle East and Africa Robot 6-axis Force Torque Sensor Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2029)
- 5.2 Global Robot 6-axis Force Torque Sensor Consumption Value by Type (2018-2029)
- 5.3 Global Robot 6-axis Force Torque Sensor Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2029)
- 6.2 Global Robot 6-axis Force Torque Sensor Consumption Value by Application (2018-2029)
- 6.3 Global Robot 6-axis Force Torque Sensor Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2029)

7.2 North America Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2029)

7.3 North America Robot 6-axis Force Torque Sensor Market Size by Country

7.3.1 North America Robot 6-axis Force Torque Sensor Sales Quantity by Country (2018-2029)

7.3.2 North America Robot 6-axis Force Torque Sensor Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2029)

8.2 Europe Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2029)

8.3 Europe Robot 6-axis Force Torque Sensor Market Size by Country

8.3.1 Europe Robot 6-axis Force Torque Sensor Sales Quantity by Country (2018-2029)

8.3.2 Europe Robot 6-axis Force Torque Sensor Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Robot 6-axis Force Torque Sensor Market Size by Region

9.3.1 Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Region

(2018-2029)

9.3.2 Asia-Pacific Robot 6-axis Force Torque Sensor Consumption Value by Region

(2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Robot 6-axis Force Torque Sensor Sales Quantity by Type
(2018-2029)

10.2 South America Robot 6-axis Force Torque Sensor Sales Quantity by Application
(2018-2029)

10.3 South America Robot 6-axis Force Torque Sensor Market Size by Country

10.3.1 South America Robot 6-axis Force Torque Sensor Sales Quantity by Country
(2018-2029)

10.3.2 South America Robot 6-axis Force Torque Sensor Consumption Value by
Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Type
(2018-2029)

11.2 Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by
Application (2018-2029)

11.3 Middle East & Africa Robot 6-axis Force Torque Sensor Market Size by Country

11.3.1 Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by
Country (2018-2029)

11.3.2 Middle East & Africa Robot 6-axis Force Torque Sensor Consumption Value by
Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Robot 6-axis Force Torque Sensor Market Drivers
- 12.2 Robot 6-axis Force Torque Sensor Market Restraints
- 12.3 Robot 6-axis Force Torque Sensor Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Robot 6-axis Force Torque Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Robot 6-axis Force Torque Sensor
- 13.3 Robot 6-axis Force Torque Sensor Production Process
- 13.4 Robot 6-axis Force Torque Sensor Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Robot 6-axis Force Torque Sensor Typical Distributors
- 14.3 Robot 6-axis Force Torque Sensor Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Robot 6-axis Force Torque Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Robot 6-axis Force Torque Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. ABB Basic Information, Manufacturing Base and Competitors
- Table 4. ABB Major Business
- Table 5. ABB Robot 6-axis Force Torque Sensor Product and Services
- Table 6. ABB Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. ABB Recent Developments/Updates
- Table 8. Crane Electronics Basic Information, Manufacturing Base and Competitors
- Table 9. Crane Electronics Major Business
- Table 10. Crane Electronics Robot 6-axis Force Torque Sensor Product and Services
- Table 11. Crane Electronics Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Crane Electronics Recent Developments/Updates
- Table 13. FUTEK Advanced Sensor Technology Basic Information, Manufacturing Base and Competitors
- Table 14. FUTEK Advanced Sensor Technology Major Business
- Table 15. FUTEK Advanced Sensor Technology Robot 6-axis Force Torque Sensor Product and Services
- Table 16. FUTEK Advanced Sensor Technology Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. FUTEK Advanced Sensor Technology Recent Developments/Updates
- Table 18. Applied Measurements Basic Information, Manufacturing Base and Competitors
- Table 19. Applied Measurements Major Business
- Table 20. Applied Measurements Robot 6-axis Force Torque Sensor Product and Services
- Table 21. Applied Measurements Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 22. Applied Measurements Recent Developments/Updates

- Table 23. Honeywell International Basic Information, Manufacturing Base and Competitors
- Table 24. Honeywell International Major Business
- Table 25. Honeywell International Robot 6-axis Force Torque Sensor Product and Services
- Table 26. Honeywell International Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Honeywell International Recent Developments/Updates
- Table 28. Kistler Holding Basic Information, Manufacturing Base and Competitors
- Table 29. Kistler Holding Major Business
- Table 30. Kistler Holding Robot 6-axis Force Torque Sensor Product and Services
- Table 31. Kistler Holding Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Kistler Holding Recent Developments/Updates
- Table 33. Sensor Technology Basic Information, Manufacturing Base and Competitors
- Table 34. Sensor Technology Major Business
- Table 35. Sensor Technology Robot 6-axis Force Torque Sensor Product and Services
- Table 36. Sensor Technology Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Sensor Technology Recent Developments/Updates
- Table 38. Hottinger Baldwin Messtechnik Basic Information, Manufacturing Base and Competitors
- Table 39. Hottinger Baldwin Messtechnik Major Business
- Table 40. Hottinger Baldwin Messtechnik Robot 6-axis Force Torque Sensor Product and Services
- Table 41. Hottinger Baldwin Messtechnik Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Hottinger Baldwin Messtechnik Recent Developments/Updates
- Table 43. Norbar Torque Tools Basic Information, Manufacturing Base and Competitors
- Table 44. Norbar Torque Tools Major Business
- Table 45. Norbar Torque Tools Robot 6-axis Force Torque Sensor Product and Services
- Table 46. Norbar Torque Tools Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Norbar Torque Tools Recent Developments/Updates

Table 48. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 49. Infineon Technologies Major Business

Table 50. Infineon Technologies Robot 6-axis Force Torque Sensor Product and Services

Table 51. Infineon Technologies Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Infineon Technologies Recent Developments/Updates

Table 53. ATI Industrial Automation Basic Information, Manufacturing Base and Competitors

Table 54. ATI Industrial Automation Major Business

Table 55. ATI Industrial Automation Robot 6-axis Force Torque Sensor Product and Services

Table 56. ATI Industrial Automation Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. ATI Industrial Automation Recent Developments/Updates

Table 58. OptoForce Basic Information, Manufacturing Base and Competitors

Table 59. OptoForce Major Business

Table 60. OptoForce Robot 6-axis Force Torque Sensor Product and Services

Table 61. OptoForce Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. OptoForce Recent Developments/Updates

Table 63. Robotiq Basic Information, Manufacturing Base and Competitors

Table 64. Robotiq Major Business

Table 65. Robotiq Robot 6-axis Force Torque Sensor Product and Services

Table 66. Robotiq Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Robotiq Recent Developments/Updates

Table 68. OnRobot Basic Information, Manufacturing Base and Competitors

Table 69. OnRobot Major Business

Table 70. OnRobot Robot 6-axis Force Torque Sensor Product and Services

Table 71. OnRobot Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. OnRobot Recent Developments/Updates

Table 73. HBM Basic Information, Manufacturing Base and Competitors

Table 74. HBM Major Business

Table 75. HBM Robot 6-axis Force Torque Sensor Product and Services

Table 76. HBM Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. HBM Recent Developments/Updates

Table 78. Jiangsu Lanmec Electromechanical Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 79. Jiangsu Lanmec Electromechanical Technology Co., Ltd Major Business

Table 80. Jiangsu Lanmec Electromechanical Technology Co., Ltd Robot 6-axis Force Torque Sensor Product and Services

Table 81. Jiangsu Lanmec Electromechanical Technology Co., Ltd Robot 6-axis Force Torque Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Jiangsu Lanmec Electromechanical Technology Co., Ltd Recent Developments/Updates

Table 83. Global Robot 6-axis Force Torque Sensor Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 84. Global Robot 6-axis Force Torque Sensor Revenue by Manufacturer (2018-2023) & (USD Million)

Table 85. Global Robot 6-axis Force Torque Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 86. Market Position of Manufacturers in Robot 6-axis Force Torque Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 87. Head Office and Robot 6-axis Force Torque Sensor Production Site of Key Manufacturer

Table 88. Robot 6-axis Force Torque Sensor Market: Company Product Type Footprint

Table 89. Robot 6-axis Force Torque Sensor Market: Company Product Application Footprint

Table 90. Robot 6-axis Force Torque Sensor New Market Entrants and Barriers to Market Entry

Table 91. Robot 6-axis Force Torque Sensor Mergers, Acquisition, Agreements, and Collaborations

Table 92. Global Robot 6-axis Force Torque Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 93. Global Robot 6-axis Force Torque Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 94. Global Robot 6-axis Force Torque Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 95. Global Robot 6-axis Force Torque Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 96. Global Robot 6-axis Force Torque Sensor Average Price by Region (2018-2023) & (US\$/Unit)

Table 97. Global Robot 6-axis Force Torque Sensor Average Price by Region (2024-2029) & (US\$/Unit)

Table 98. Global Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 99. Global Robot 6-axis Force Torque Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Global Robot 6-axis Force Torque Sensor Consumption Value by Type (2018-2023) & (USD Million)

Table 101. Global Robot 6-axis Force Torque Sensor Consumption Value by Type (2024-2029) & (USD Million)

Table 102. Global Robot 6-axis Force Torque Sensor Average Price by Type (2018-2023) & (US\$/Unit)

Table 103. Global Robot 6-axis Force Torque Sensor Average Price by Type (2024-2029) & (US\$/Unit)

Table 104. Global Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 105. Global Robot 6-axis Force Torque Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 106. Global Robot 6-axis Force Torque Sensor Consumption Value by Application (2018-2023) & (USD Million)

Table 107. Global Robot 6-axis Force Torque Sensor Consumption Value by Application (2024-2029) & (USD Million)

Table 108. Global Robot 6-axis Force Torque Sensor Average Price by Application (2018-2023) & (US\$/Unit)

Table 109. Global Robot 6-axis Force Torque Sensor Average Price by Application (2024-2029) & (US\$/Unit)

Table 110. North America Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 111. North America Robot 6-axis Force Torque Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 112. North America Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 113. North America Robot 6-axis Force Torque Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 114. North America Robot 6-axis Force Torque Sensor Sales Quantity by Country

(2018-2023) & (K Units)

Table 115. North America Robot 6-axis Force Torque Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 116. North America Robot 6-axis Force Torque Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 117. North America Robot 6-axis Force Torque Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Europe Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 119. Europe Robot 6-axis Force Torque Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 120. Europe Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 121. Europe Robot 6-axis Force Torque Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 122. Europe Robot 6-axis Force Torque Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 123. Europe Robot 6-axis Force Torque Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 124. Europe Robot 6-axis Force Torque Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 125. Europe Robot 6-axis Force Torque Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 126. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 127. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 128. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 129. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 130. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 131. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 132. Asia-Pacific Robot 6-axis Force Torque Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 133. Asia-Pacific Robot 6-axis Force Torque Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 134. South America Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 135. South America Robot 6-axis Force Torque Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 136. South America Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 137. South America Robot 6-axis Force Torque Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 138. South America Robot 6-axis Force Torque Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 139. South America Robot 6-axis Force Torque Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 140. South America Robot 6-axis Force Torque Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 141. South America Robot 6-axis Force Torque Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 142. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 143. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 144. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 145. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 146. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 147. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 148. Middle East & Africa Robot 6-axis Force Torque Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 149. Middle East & Africa Robot 6-axis Force Torque Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 150. Robot 6-axis Force Torque Sensor Raw Material

Table 151. Key Manufacturers of Robot 6-axis Force Torque Sensor Raw Materials

Table 152. Robot 6-axis Force Torque Sensor Typical Distributors

Table 153. Robot 6-axis Force Torque Sensor Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Robot 6-axis Force Torque Sensor Picture
- Figure 2. Global Robot 6-axis Force Torque Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Robot 6-axis Force Torque Sensor Consumption Value Market Share by Type in 2022
- Figure 4. Dynamic Examples
- Figure 5. Static State Examples
- Figure 6. Global Robot 6-axis Force Torque Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Robot 6-axis Force Torque Sensor Consumption Value Market Share by Application in 2022
- Figure 8. Welding Robots Examples
- Figure 9. Material Handling Robots Examples
- Figure 10. Palletizing Robots Examples
- Figure 11. Painting Robots Examples
- Figure 12. Assembly Robots Examples
- Figure 13. Others Examples
- Figure 14. Global Robot 6-axis Force Torque Sensor Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 15. Global Robot 6-axis Force Torque Sensor Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 16. Global Robot 6-axis Force Torque Sensor Sales Quantity (2018-2029) & (K Units)
- Figure 17. Global Robot 6-axis Force Torque Sensor Average Price (2018-2029) & (US\$/Unit)
- Figure 18. Global Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Manufacturer in 2022
- Figure 19. Global Robot 6-axis Force Torque Sensor Consumption Value Market Share by Manufacturer in 2022
- Figure 20. Producer Shipments of Robot 6-axis Force Torque Sensor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 21. Top 3 Robot 6-axis Force Torque Sensor Manufacturer (Consumption Value) Market Share in 2022
- Figure 22. Top 6 Robot 6-axis Force Torque Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Global Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 24. Global Robot 6-axis Force Torque Sensor Consumption Value Market Share by Region (2018-2029)

Figure 25. North America Robot 6-axis Force Torque Sensor Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe Robot 6-axis Force Torque Sensor Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific Robot 6-axis Force Torque Sensor Consumption Value (2018-2029) & (USD Million)

Figure 28. South America Robot 6-axis Force Torque Sensor Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa Robot 6-axis Force Torque Sensor Consumption Value (2018-2029) & (USD Million)

Figure 30. Global Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global Robot 6-axis Force Torque Sensor Consumption Value Market Share by Type (2018-2029)

Figure 32. Global Robot 6-axis Force Torque Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global Robot 6-axis Force Torque Sensor Consumption Value Market Share by Application (2018-2029)

Figure 35. Global Robot 6-axis Force Torque Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America Robot 6-axis Force Torque Sensor Consumption Value Market Share by Country (2018-2029)

Figure 40. United States Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico Robot 6-axis Force Torque Sensor Consumption Value and Growth

Rate (2018-2029) & (USD Million)

Figure 43. Europe Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 46. Europe Robot 6-axis Force Torque Sensor Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific Robot 6-axis Force Torque Sensor Consumption Value Market Share by Region (2018-2029)

Figure 56. China Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. South America Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 63. South America Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 64. South America Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 65. South America Robot 6-axis Force Torque Sensor Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa Robot 6-axis Force Torque Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa Robot 6-axis Force Torque Sensor Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa Robot 6-axis Force Torque Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Robot 6-axis Force Torque Sensor Market Drivers

Figure 77. Robot 6-axis Force Torque Sensor Market Restraints

Figure 78. Robot 6-axis Force Torque Sensor Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Robot 6-axis Force Torque Sensor in 2022

Figure 81. Manufacturing Process Analysis of Robot 6-axis Force Torque Sensor

Figure 82. Robot 6-axis Force Torque Sensor Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Robot 6-axis Force Torque Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G12F6CE36BEFEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G12F6CE36BEFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

