

Global Force Measuring Instruments Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GA2279113B69EN.html>

Date: October 2025

Pages: 150

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

ID: GA2279113B69EN

Abstracts

According to our (Global Info Research) latest study, the global Force Measuring Instruments market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Force measuring instruments are instruments used for tensile, peeling, tearing and other tests of various non-metallic material specimens. It is a specially designed instrument that can measure and record the force generated during the test. According to the object of use and purpose, force measuring instruments can be further subdivided into working force measuring instruments and standard force measuring instruments. Standard force gauges are mainly used to verify or calibrate other force measuring equipment, such as deadweight, lever, hydraulic and superposition force measuring machines. Force measuring instruments are widely used in many industries, including but not limited to packaging, automotive industry, food processing and medical. In the packaging field, force measuring instruments can be used for peeling force, bottle cap opening, bottle cap torque test, etc. In the automotive industry, they can be used for operating force test, assembly force test, shock absorption test, etc. In the food processing field, they can be used for fruit hardness, adhesive strength, bottle opening force and other tests.

Force measuring instruments are widely used in aerospace, automobile manufacturing, electronics and electrical, construction and other fields. With the rapid development of

these fields, the demand for force measuring instruments is also increasing. At the same time, force measuring instruments have also begun to be used in environmental monitoring, food safety and other fields, further expanding their application areas. Technological innovation is still an important driving force for the development of the force measuring instrument market. In the future, force measuring instruments will pay more attention to technological innovation in intelligence, integration, miniaturization and portability. With the transformation and upgrading of the manufacturing industry and the improvement of the level of intelligence, the demand for force measuring instruments will further increase. Especially in the field of high-end equipment manufacturing, the demand for high-precision and high-stability force measuring instruments will be more urgent. In summary, the force measuring instrument market is facing broad development space and opportunities, and force measuring instruments will continue to maintain a steady growth trend.

This report is a detailed and comprehensive analysis for global Force Measuring Instruments 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 2025, are provided.

Key Features:

Global Force Measuring Instruments market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Force Measuring Instruments market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Force Measuring Instruments market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Force Measuring Instruments market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

Global Force Measuring Instruments Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 20...

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Force Measuring Instruments
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 Force Measuring Instruments market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include HBM Test and Measurement, Instron, Shimadzu, MTS Systems, Chatillon, Zwick Roell, Applied Test Systems, Tinius Olsen, Mecmesin, Dillon Precision, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Force Measuring Instruments market is split by Type and by Application. For the period 2020-2031, 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

Electronic Dynamometer

Mechanical Dynamometer

Market segment by Application

Industrial Production

Construction Engineering

Logistics and Transportation

Aerospace

Shipping Industry

Other

Major players covered

HBM Test and Measurement

Instron

Shimadzu

MTS Systems

Chatillon

Zwick Roell

Applied Test Systems

Tinius Olsen

Mecmesin

Dillon Precision

Imada Inc.

Starrett

L.S. Starrett

A&D Company

Sensing Systems

Sauter

Interface

Kistler

Avery Weigh-Tronix

LUTRON electronic enterprise

Shanghai Shigan Industrial

Fuzhou Aipu Instrument

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 Force Measuring Instruments product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Force Measuring Instruments, with price, sales quantity, revenue, and global market share of Force Measuring Instruments from 2020 to 2025.

Chapter 3, the Force Measuring Instruments competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Force Measuring Instruments breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Force Measuring Instruments market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Force Measuring Instruments.

Chapter 14 and 15, to describe Force Measuring Instruments sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Force Measuring Instruments Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Electronic Dynamometer

1.3.3 Mechanical Dynamometer

1.4 Market Analysis by Application

1.4.1 Overview: Global Force Measuring Instruments Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Industrial Production

1.4.3 Construction Engineering

1.4.4 Logistics and Transportation

1.4.5 Aerospace

1.4.6 Shipping Industry

1.4.7 Other

1.5 Global Force Measuring Instruments Market Size & Forecast

1.5.1 Global Force Measuring Instruments Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Force Measuring Instruments Sales Quantity (2020-2031)

1.5.3 Global Force Measuring Instruments Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 HBM Test and Measurement

2.1.1 HBM Test and Measurement Details

2.1.2 HBM Test and Measurement Major Business

2.1.3 HBM Test and Measurement Force Measuring Instruments Product and Services

2.1.4 HBM Test and Measurement Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 HBM Test and Measurement Recent Developments/Updates

2.2 Instron

2.2.1 Instron Details

2.2.2 Instron Major Business

2.2.3 Instron Force Measuring Instruments Product and Services

2.2.4 Instron Force Measuring Instruments Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2020-2025)

2.2.5 Instron Recent Developments/Updates

2.3 Shimadzu

2.3.1 Shimadzu Details

2.3.2 Shimadzu Major Business

2.3.3 Shimadzu Force Measuring Instruments Product and Services

2.3.4 Shimadzu Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Shimadzu Recent Developments/Updates

2.4 MTS Systems

2.4.1 MTS Systems Details

2.4.2 MTS Systems Major Business

2.4.3 MTS Systems Force Measuring Instruments Product and Services

2.4.4 MTS Systems Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 MTS Systems Recent Developments/Updates

2.5 Chatillon

2.5.1 Chatillon Details

2.5.2 Chatillon Major Business

2.5.3 Chatillon Force Measuring Instruments Product and Services

2.5.4 Chatillon Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Chatillon Recent Developments/Updates

2.6 Zwick Roell

2.6.1 Zwick Roell Details

2.6.2 Zwick Roell Major Business

2.6.3 Zwick Roell Force Measuring Instruments Product and Services

2.6.4 Zwick Roell Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Zwick Roell Recent Developments/Updates

2.7 Applied Test Systems

2.7.1 Applied Test Systems Details

2.7.2 Applied Test Systems Major Business

2.7.3 Applied Test Systems Force Measuring Instruments Product and Services

2.7.4 Applied Test Systems Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Applied Test Systems Recent Developments/Updates

2.8 Tinius Olsen

2.8.1 Tinius Olsen Details

- 2.8.2 Tinius Olsen Major Business
- 2.8.3 Tinius Olsen Force Measuring Instruments Product and Services
- 2.8.4 Tinius Olsen Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Tinius Olsen Recent Developments/Updates
- 2.9 Mecmesin
 - 2.9.1 Mecmesin Details
 - 2.9.2 Mecmesin Major Business
 - 2.9.3 Mecmesin Force Measuring Instruments Product and Services
 - 2.9.4 Mecmesin Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Mecmesin Recent Developments/Updates
- 2.10 Dillon Precision
 - 2.10.1 Dillon Precision Details
 - 2.10.2 Dillon Precision Major Business
 - 2.10.3 Dillon Precision Force Measuring Instruments Product and Services
 - 2.10.4 Dillon Precision Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Dillon Precision Recent Developments/Updates
- 2.11 Imada Inc.
 - 2.11.1 Imada Inc. Details
 - 2.11.2 Imada Inc. Major Business
 - 2.11.3 Imada Inc. Force Measuring Instruments Product and Services
 - 2.11.4 Imada Inc. Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Imada Inc. Recent Developments/Updates
- 2.12 Starrett
 - 2.12.1 Starrett Details
 - 2.12.2 Starrett Major Business
 - 2.12.3 Starrett Force Measuring Instruments Product and Services
 - 2.12.4 Starrett Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Starrett Recent Developments/Updates
- 2.13 L.S. Starrett
 - 2.13.1 L.S. Starrett Details
 - 2.13.2 L.S. Starrett Major Business
 - 2.13.3 L.S. Starrett Force Measuring Instruments Product and Services
 - 2.13.4 L.S. Starrett Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.13.5 L.S. Starrett Recent Developments/Updates
- 2.14 A&D Company
 - 2.14.1 A&D Company Details
 - 2.14.2 A&D Company Major Business
 - 2.14.3 A&D Company Force Measuring Instruments Product and Services
 - 2.14.4 A&D Company Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.14.5 A&D Company Recent Developments/Updates
- 2.15 Sensing Systems
 - 2.15.1 Sensing Systems Details
 - 2.15.2 Sensing Systems Major Business
 - 2.15.3 Sensing Systems Force Measuring Instruments Product and Services
 - 2.15.4 Sensing Systems Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.15.5 Sensing Systems Recent Developments/Updates
- 2.16 Sauter
 - 2.16.1 Sauter Details
 - 2.16.2 Sauter Major Business
 - 2.16.3 Sauter Force Measuring Instruments Product and Services
 - 2.16.4 Sauter Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.16.5 Sauter Recent Developments/Updates
- 2.17 Interface
 - 2.17.1 Interface Details
 - 2.17.2 Interface Major Business
 - 2.17.3 Interface Force Measuring Instruments Product and Services
 - 2.17.4 Interface Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.17.5 Interface Recent Developments/Updates
- 2.18 Kistler
 - 2.18.1 Kistler Details
 - 2.18.2 Kistler Major Business
 - 2.18.3 Kistler Force Measuring Instruments Product and Services
 - 2.18.4 Kistler Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.18.5 Kistler Recent Developments/Updates
- 2.19 Avery Weigh-Tronix
 - 2.19.1 Avery Weigh-Tronix Details
 - 2.19.2 Avery Weigh-Tronix Major Business

- 2.19.3 Avery Weigh-Tronix Force Measuring Instruments Product and Services
- 2.19.4 Avery Weigh-Tronix Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.19.5 Avery Weigh-Tronix Recent Developments/Updates
- 2.20 LUTRON electronic enterprise
 - 2.20.1 LUTRON electronic enterprise Details
 - 2.20.2 LUTRON electronic enterprise Major Business
 - 2.20.3 LUTRON electronic enterprise Force Measuring Instruments Product and Services
 - 2.20.4 LUTRON electronic enterprise Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.20.5 LUTRON electronic enterprise Recent Developments/Updates
- 2.21 Shanghai Shigan Industrial
 - 2.21.1 Shanghai Shigan Industrial Details
 - 2.21.2 Shanghai Shigan Industrial Major Business
 - 2.21.3 Shanghai Shigan Industrial Force Measuring Instruments Product and Services
 - 2.21.4 Shanghai Shigan Industrial Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.21.5 Shanghai Shigan Industrial Recent Developments/Updates
- 2.22 Fuzhou Aipu Instrument
 - 2.22.1 Fuzhou Aipu Instrument Details
 - 2.22.2 Fuzhou Aipu Instrument Major Business
 - 2.22.3 Fuzhou Aipu Instrument Force Measuring Instruments Product and Services
 - 2.22.4 Fuzhou Aipu Instrument Force Measuring Instruments Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.22.5 Fuzhou Aipu Instrument Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: FORCE MEASURING INSTRUMENTS BY MANUFACTURER

- 3.1 Global Force Measuring Instruments Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Force Measuring Instruments Revenue by Manufacturer (2020-2025)
- 3.3 Global Force Measuring Instruments Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Force Measuring Instruments by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Force Measuring Instruments Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Force Measuring Instruments Manufacturer Market Share in 2024
- 3.5 Force Measuring Instruments Market: Overall Company Footprint Analysis

- 3.5.1 Force Measuring Instruments Market: Region Footprint
- 3.5.2 Force Measuring Instruments Market: Company Product Type Footprint
- 3.5.3 Force Measuring Instruments 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 Force Measuring Instruments Market Size by Region
 - 4.1.1 Global Force Measuring Instruments Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Force Measuring Instruments Consumption Value by Region (2020-2031)
 - 4.1.3 Global Force Measuring Instruments Average Price by Region (2020-2031)
- 4.2 North America Force Measuring Instruments Consumption Value (2020-2031)
- 4.3 Europe Force Measuring Instruments Consumption Value (2020-2031)
- 4.4 Asia-Pacific Force Measuring Instruments Consumption Value (2020-2031)
- 4.5 South America Force Measuring Instruments Consumption Value (2020-2031)
- 4.6 Middle East & Africa Force Measuring Instruments Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Force Measuring Instruments Sales Quantity by Type (2020-2031)
- 5.2 Global Force Measuring Instruments Consumption Value by Type (2020-2031)
- 5.3 Global Force Measuring Instruments Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Force Measuring Instruments Sales Quantity by Application (2020-2031)
- 6.2 Global Force Measuring Instruments Consumption Value by Application (2020-2031)
- 6.3 Global Force Measuring Instruments Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America Force Measuring Instruments Sales Quantity by Type (2020-2031)
- 7.2 North America Force Measuring Instruments Sales Quantity by Application (2020-2031)
- 7.3 North America Force Measuring Instruments Market Size by Country
 - 7.3.1 North America Force Measuring Instruments Sales Quantity by Country (2020-2031)

7.3.2 North America Force Measuring Instruments Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Force Measuring Instruments Sales Quantity by Type (2020-2031)

8.2 Europe Force Measuring Instruments Sales Quantity by Application (2020-2031)

8.3 Europe Force Measuring Instruments Market Size by Country

8.3.1 Europe Force Measuring Instruments Sales Quantity by Country (2020-2031)

8.3.2 Europe Force Measuring Instruments Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Force Measuring Instruments Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Force Measuring Instruments Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Force Measuring Instruments Market Size by Region

9.3.1 Asia-Pacific Force Measuring Instruments Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Force Measuring Instruments Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Force Measuring Instruments Sales Quantity by Type (2020-2031)

10.2 South America Force Measuring Instruments Sales Quantity by Application (2020-2031)

10.3 South America Force Measuring Instruments Market Size by Country

10.3.1 South America Force Measuring Instruments Sales Quantity by Country (2020-2031)

10.3.2 South America Force Measuring Instruments Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Force Measuring Instruments Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Force Measuring Instruments Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Force Measuring Instruments Market Size by Country

11.3.1 Middle East & Africa Force Measuring Instruments Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Force Measuring Instruments Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Force Measuring Instruments Market Drivers

12.2 Force Measuring Instruments Market Restraints

12.3 Force Measuring Instruments 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

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Force Measuring Instruments and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Force Measuring Instruments
- 13.3 Force Measuring Instruments Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Force Measuring Instruments Typical Distributors
- 14.3 Force Measuring Instruments 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 Force Measuring Instruments Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Force Measuring Instruments Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. HBM Test and Measurement Basic Information, Manufacturing Base and Competitors

Table 4. HBM Test and Measurement Major Business

Table 5. HBM Test and Measurement Force Measuring Instruments Product and Services

Table 6. HBM Test and Measurement Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. HBM Test and Measurement Recent Developments/Updates

Table 8. Instron Basic Information, Manufacturing Base and Competitors

Table 9. Instron Major Business

Table 10. Instron Force Measuring Instruments Product and Services

Table 11. Instron Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Instron Recent Developments/Updates

Table 13. Shimadzu Basic Information, Manufacturing Base and Competitors

Table 14. Shimadzu Major Business

Table 15. Shimadzu Force Measuring Instruments Product and Services

Table 16. Shimadzu Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Shimadzu Recent Developments/Updates

Table 18. MTS Systems Basic Information, Manufacturing Base and Competitors

Table 19. MTS Systems Major Business

Table 20. MTS Systems Force Measuring Instruments Product and Services

Table 21. MTS Systems Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. MTS Systems Recent Developments/Updates

Table 23. Chatillon Basic Information, Manufacturing Base and Competitors

Table 24. Chatillon Major Business

- Table 25. Chatillon Force Measuring Instruments Product and Services
- Table 26. Chatillon Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 27. Chatillon Recent Developments/Updates
- Table 28. Zwick Roell Basic Information, Manufacturing Base and Competitors
- Table 29. Zwick Roell Major Business
- Table 30. Zwick Roell Force Measuring Instruments Product and Services
- Table 31. Zwick Roell Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 32. Zwick Roell Recent Developments/Updates
- Table 33. Applied Test Systems Basic Information, Manufacturing Base and Competitors
- Table 34. Applied Test Systems Major Business
- Table 35. Applied Test Systems Force Measuring Instruments Product and Services
- Table 36. Applied Test Systems Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 37. Applied Test Systems Recent Developments/Updates
- Table 38. Tinius Olsen Basic Information, Manufacturing Base and Competitors
- Table 39. Tinius Olsen Major Business
- Table 40. Tinius Olsen Force Measuring Instruments Product and Services
- Table 41. Tinius Olsen Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 42. Tinius Olsen Recent Developments/Updates
- Table 43. Mecmesin Basic Information, Manufacturing Base and Competitors
- Table 44. Mecmesin Major Business
- Table 45. Mecmesin Force Measuring Instruments Product and Services
- Table 46. Mecmesin Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 47. Mecmesin Recent Developments/Updates
- Table 48. Dillon Precision Basic Information, Manufacturing Base and Competitors
- Table 49. Dillon Precision Major Business
- Table 50. Dillon Precision Force Measuring Instruments Product and Services
- Table 51. Dillon Precision Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Dillon Precision Recent Developments/Updates

Table 53. Imada Inc. Basic Information, Manufacturing Base and Competitors

Table 54. Imada Inc. Major Business

Table 55. Imada Inc. Force Measuring Instruments Product and Services

Table 56. Imada Inc. Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Imada Inc. Recent Developments/Updates

Table 58. Starrett Basic Information, Manufacturing Base and Competitors

Table 59. Starrett Major Business

Table 60. Starrett Force Measuring Instruments Product and Services

Table 61. Starrett Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Starrett Recent Developments/Updates

Table 63. L.S. Starrett Basic Information, Manufacturing Base and Competitors

Table 64. L.S. Starrett Major Business

Table 65. L.S. Starrett Force Measuring Instruments Product and Services

Table 66. L.S. Starrett Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. L.S. Starrett Recent Developments/Updates

Table 68. A&D Company Basic Information, Manufacturing Base and Competitors

Table 69. A&D Company Major Business

Table 70. A&D Company Force Measuring Instruments Product and Services

Table 71. A&D Company Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. A&D Company Recent Developments/Updates

Table 73. Sensing Systems Basic Information, Manufacturing Base and Competitors

Table 74. Sensing Systems Major Business

Table 75. Sensing Systems Force Measuring Instruments Product and Services

Table 76. Sensing Systems Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Sensing Systems Recent Developments/Updates

Table 78. Sauter Basic Information, Manufacturing Base and Competitors

Table 79. Sauter Major Business

Table 80. Sauter Force Measuring Instruments Product and Services

Table 81. Sauter Force Measuring Instruments Sales Quantity (Units), Average Price (K

US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Sauter Recent Developments/Updates

Table 83. Interface Basic Information, Manufacturing Base and Competitors

Table 84. Interface Major Business

Table 85. Interface Force Measuring Instruments Product and Services

Table 86. Interface Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Interface Recent Developments/Updates

Table 88. Kistler Basic Information, Manufacturing Base and Competitors

Table 89. Kistler Major Business

Table 90. Kistler Force Measuring Instruments Product and Services

Table 91. Kistler Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Kistler Recent Developments/Updates

Table 93. Avery Weigh-Tronix Basic Information, Manufacturing Base and Competitors

Table 94. Avery Weigh-Tronix Major Business

Table 95. Avery Weigh-Tronix Force Measuring Instruments Product and Services

Table 96. Avery Weigh-Tronix Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. Avery Weigh-Tronix Recent Developments/Updates

Table 98. LUTRON electronic enterprise Basic Information, Manufacturing Base and Competitors

Table 99. LUTRON electronic enterprise Major Business

Table 100. LUTRON electronic enterprise Force Measuring Instruments Product and Services

Table 101. LUTRON electronic enterprise Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. LUTRON electronic enterprise Recent Developments/Updates

Table 103. Shanghai Shigan Industrial Basic Information, Manufacturing Base and Competitors

Table 104. Shanghai Shigan Industrial Major Business

Table 105. Shanghai Shigan Industrial Force Measuring Instruments Product and Services

Table 106. Shanghai Shigan Industrial Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 107. Shanghai Shigan Industrial Recent Developments/Updates

Table 108. Fuzhou Aipu Instrument Basic Information, Manufacturing Base and Competitors

Table 109. Fuzhou Aipu Instrument Major Business

Table 110. Fuzhou Aipu Instrument Force Measuring Instruments Product and Services

Table 111. Fuzhou Aipu Instrument Force Measuring Instruments Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 112. Fuzhou Aipu Instrument Recent Developments/Updates

Table 113. Global Force Measuring Instruments Sales Quantity by Manufacturer (2020-2025) & (Units)

Table 114. Global Force Measuring Instruments Revenue by Manufacturer (2020-2025) & (USD Million)

Table 115. Global Force Measuring Instruments Average Price by Manufacturer (2020-2025) & (K US\$/Unit)

Table 116. Market Position of Manufacturers in Force Measuring Instruments, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 117. Head Office and Force Measuring Instruments Production Site of Key Manufacturer

Table 118. Force Measuring Instruments Market: Company Product Type Footprint

Table 119. Force Measuring Instruments Market: Company Product Application Footprint

Table 120. Force Measuring Instruments New Market Entrants and Barriers to Market Entry

Table 121. Force Measuring Instruments Mergers, Acquisition, Agreements, and Collaborations

Table 122. Global Force Measuring Instruments Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 123. Global Force Measuring Instruments Sales Quantity by Region (2020-2025) & (Units)

Table 124. Global Force Measuring Instruments Sales Quantity by Region (2026-2031) & (Units)

Table 125. Global Force Measuring Instruments Consumption Value by Region (2020-2025) & (USD Million)

Table 126. Global Force Measuring Instruments Consumption Value by Region (2026-2031) & (USD Million)

Table 127. Global Force Measuring Instruments Average Price by Region (2020-2025) & (K US\$/Unit)

Table 128. Global Force Measuring Instruments Average Price by Region (2026-2031) & (K US\$/Unit)

Table 129. Global Force Measuring Instruments Sales Quantity by Type (2020-2025) & (Units)

Table 130. Global Force Measuring Instruments Sales Quantity by Type (2026-2031) & (Units)

Table 131. Global Force Measuring Instruments Consumption Value by Type (2020-2025) & (USD Million)

Table 132. Global Force Measuring Instruments Consumption Value by Type (2026-2031) & (USD Million)

Table 133. Global Force Measuring Instruments Average Price by Type (2020-2025) & (K US\$/Unit)

Table 134. Global Force Measuring Instruments Average Price by Type (2026-2031) & (K US\$/Unit)

Table 135. Global Force Measuring Instruments Sales Quantity by Application (2020-2025) & (Units)

Table 136. Global Force Measuring Instruments Sales Quantity by Application (2026-2031) & (Units)

Table 137. Global Force Measuring Instruments Consumption Value by Application (2020-2025) & (USD Million)

Table 138. Global Force Measuring Instruments Consumption Value by Application (2026-2031) & (USD Million)

Table 139. Global Force Measuring Instruments Average Price by Application (2020-2025) & (K US\$/Unit)

Table 140. Global Force Measuring Instruments Average Price by Application (2026-2031) & (K US\$/Unit)

Table 141. North America Force Measuring Instruments Sales Quantity by Type (2020-2025) & (Units)

Table 142. North America Force Measuring Instruments Sales Quantity by Type (2026-2031) & (Units)

Table 143. North America Force Measuring Instruments Sales Quantity by Application (2020-2025) & (Units)

Table 144. North America Force Measuring Instruments Sales Quantity by Application (2026-2031) & (Units)

Table 145. North America Force Measuring Instruments Sales Quantity by Country (2020-2025) & (Units)

Table 146. North America Force Measuring Instruments Sales Quantity by Country (2026-2031) & (Units)

Table 147. North America Force Measuring Instruments Consumption Value by Country (2020-2025) & (USD Million)

Table 148. North America Force Measuring Instruments Consumption Value by Country

(2026-2031) & (USD Million)

Table 149. Europe Force Measuring Instruments Sales Quantity by Type (2020-2025) & (Units)

Table 150. Europe Force Measuring Instruments Sales Quantity by Type (2026-2031) & (Units)

Table 151. Europe Force Measuring Instruments Sales Quantity by Application (2020-2025) & (Units)

Table 152. Europe Force Measuring Instruments Sales Quantity by Application (2026-2031) & (Units)

Table 153. Europe Force Measuring Instruments Sales Quantity by Country (2020-2025) & (Units)

Table 154. Europe Force Measuring Instruments Sales Quantity by Country (2026-2031) & (Units)

Table 155. Europe Force Measuring Instruments Consumption Value by Country (2020-2025) & (USD Million)

Table 156. Europe Force Measuring Instruments Consumption Value by Country (2026-2031) & (USD Million)

Table 157. Asia-Pacific Force Measuring Instruments Sales Quantity by Type (2020-2025) & (Units)

Table 158. Asia-Pacific Force Measuring Instruments Sales Quantity by Type (2026-2031) & (Units)

Table 159. Asia-Pacific Force Measuring Instruments Sales Quantity by Application (2020-2025) & (Units)

Table 160. Asia-Pacific Force Measuring Instruments Sales Quantity by Application (2026-2031) & (Units)

Table 161. Asia-Pacific Force Measuring Instruments Sales Quantity by Region (2020-2025) & (Units)

Table 162. Asia-Pacific Force Measuring Instruments Sales Quantity by Region (2026-2031) & (Units)

Table 163. Asia-Pacific Force Measuring Instruments Consumption Value by Region (2020-2025) & (USD Million)

Table 164. Asia-Pacific Force Measuring Instruments Consumption Value by Region (2026-2031) & (USD Million)

Table 165. South America Force Measuring Instruments Sales Quantity by Type (2020-2025) & (Units)

Table 166. South America Force Measuring Instruments Sales Quantity by Type (2026-2031) & (Units)

Table 167. South America Force Measuring Instruments Sales Quantity by Application (2020-2025) & (Units)

Table 168. South America Force Measuring Instruments Sales Quantity by Application (2026-2031) & (Units)

Table 169. South America Force Measuring Instruments Sales Quantity by Country (2020-2025) & (Units)

Table 170. South America Force Measuring Instruments Sales Quantity by Country (2026-2031) & (Units)

Table 171. South America Force Measuring Instruments Consumption Value by Country (2020-2025) & (USD Million)

Table 172. South America Force Measuring Instruments Consumption Value by Country (2026-2031) & (USD Million)

Table 173. Middle East & Africa Force Measuring Instruments Sales Quantity by Type (2020-2025) & (Units)

Table 174. Middle East & Africa Force Measuring Instruments Sales Quantity by Type (2026-2031) & (Units)

Table 175. Middle East & Africa Force Measuring Instruments Sales Quantity by Application (2020-2025) & (Units)

Table 176. Middle East & Africa Force Measuring Instruments Sales Quantity by Application (2026-2031) & (Units)

Table 177. Middle East & Africa Force Measuring Instruments Sales Quantity by Country (2020-2025) & (Units)

Table 178. Middle East & Africa Force Measuring Instruments Sales Quantity by Country (2026-2031) & (Units)

Table 179. Middle East & Africa Force Measuring Instruments Consumption Value by Country (2020-2025) & (USD Million)

Table 180. Middle East & Africa Force Measuring Instruments Consumption Value by Country (2026-2031) & (USD Million)

Table 181. Force Measuring Instruments Raw Material

Table 182. Key Manufacturers of Force Measuring Instruments Raw Materials

Table 183. Force Measuring Instruments Typical Distributors

Table 184. Force Measuring Instruments Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Force Measuring Instruments Picture

Figure 2. Global Force Measuring Instruments Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Force Measuring Instruments Revenue Market Share by Type in 2024

Figure 4. Electronic Dynamometer Examples

Figure 5. Mechanical Dynamometer Examples

Figure 6. Global Force Measuring Instruments Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global Force Measuring Instruments Revenue Market Share by Application in 2024

Figure 8. Industrial Production Examples

Figure 9. Construction Engineering Examples

Figure 10. Logistics and Transportation Examples

Figure 11. Aerospace Examples

Figure 12. Shipping Industry Examples

Figure 13. Other Examples

Figure 14. Global Force Measuring Instruments Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 15. Global Force Measuring Instruments Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 16. Global Force Measuring Instruments Sales Quantity (2020-2031) & (Units)

Figure 17. Global Force Measuring Instruments Price (2020-2031) & (K US\$/Unit)

Figure 18. Global Force Measuring Instruments Sales Quantity Market Share by Manufacturer in 2024

Figure 19. Global Force Measuring Instruments Revenue Market Share by Manufacturer in 2024

Figure 20. Producer Shipments of Force Measuring Instruments by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 21. Top 3 Force Measuring Instruments Manufacturer (Revenue) Market Share in 2024

Figure 22. Top 6 Force Measuring Instruments Manufacturer (Revenue) Market Share in 2024

Figure 23. Global Force Measuring Instruments Sales Quantity Market Share by Region (2020-2031)

Figure 24. Global Force Measuring Instruments Consumption Value Market Share by

Region (2020-2031)

Figure 25. North America Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Force Measuring Instruments Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Force Measuring Instruments Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Force Measuring Instruments Average Price by Type (2020-2031) & (K US\$/Unit)

Figure 33. Global Force Measuring Instruments Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Force Measuring Instruments Revenue Market Share by Application (2020-2031)

Figure 35. Global Force Measuring Instruments Average Price by Application (2020-2031) & (K US\$/Unit)

Figure 36. North America Force Measuring Instruments Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Force Measuring Instruments Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Force Measuring Instruments Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Force Measuring Instruments Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe Force Measuring Instruments Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe Force Measuring Instruments Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe Force Measuring Instruments Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Force Measuring Instruments Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 48. France Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Force Measuring Instruments Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Force Measuring Instruments Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Force Measuring Instruments Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Force Measuring Instruments Consumption Value Market Share by Region (2020-2031)

Figure 56. China Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 59. India Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Force Measuring Instruments Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America Force Measuring Instruments Sales Quantity Market Share

by Application (2020-2031)

Figure 64. South America Force Measuring Instruments Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America Force Measuring Instruments Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa Force Measuring Instruments Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa Force Measuring Instruments Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa Force Measuring Instruments Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa Force Measuring Instruments Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa Force Measuring Instruments Consumption Value (2020-2031) & (USD Million)

Figure 76. Force Measuring Instruments Market Drivers

Figure 77. Force Measuring Instruments Market Restraints

Figure 78. Force Measuring Instruments Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Force Measuring Instruments in 2024

Figure 81. Manufacturing Process Analysis of Force Measuring Instruments

Figure 82. Force Measuring Instruments Industrial Chain

Figure 83. Sales 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 Force Measuring Instruments Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GA2279113B69EN.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/GA2279113B69EN.html>