

# Global Five-Axis Probe Station Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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# **Abstracts**

According to our (Global Info Research) latest study, the global Five-Axis Probe Station 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.

A five-axis probe station is a device for precision measurement and machining that has five axes of independent movement. It usually consists of a base and a mobile platform that can move freely in multiple axes. The main function of the five-axis probe station is to locate and measure the coordinates and surface features of objects in three-dimensional space. It is commonly used in manufacturing, engineering, and scientific research, for example in applications such as part machining, precision measurement, optical assembly, and 3D scanning. Through the combination of five independent movement axes, the five-axis probe station can achieve more flexible and precise motion control. The machine is capable of linear motion along the X, Y, and Z axes, and can rotate about two rotational axes. This multi-axis motion structure enables the five-axis probe station to measure and process in multiple angles and directions, thereby achieving more complex operations and higher precision. Five-axis probe stations are usually equipped with precision measurement sensors, such as probes, laser sensors or optical sensors, to measure the size, shape and surface characteristics of objects. It can also be integrated with computer systems for automated control and data analysis.

This report is a detailed and comprehensive analysis for global Five-Axis Probe Station 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 Five-Axis Probe Station market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Five-Axis Probe Station market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Five-Axis Probe Station market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Five-Axis Probe Station market shares of main players, shipments in revenue (\$ Million), sales quantity (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 Five-Axis Probe Station

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 Five-Axis Probe Station 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 FormFactor, Inc., Cascade Microtech, Inc., MPI Corporation, Micromanipulator Company and Wentworth Laboratories, Inc., 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

Five-Axis Probe Station 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

Five-Axis Vertical Probe Station

Five-Axis Horizontal Probe Station

Market segment by Application

**Precision Machining** 

**Optical Processing** 

Major players covered

FormFactor, Inc.

Cascade Microtech, Inc.

**MPI** Corporation

Micromanipulator Company

Wentworth Laboratories, Inc.

**Everbeing International Corporation** 

Tokyo Electron Limited

SemiProbe, Inc.



**KLA** Corporation

JEM Engineering, LLC

GGB Industries, Inc.

Lake Shore Cryotronics, Inc.

Signatone Corporation

Keithley Instruments, Inc.

Summit Microelectronics

FemtoTools AG

S?ss MicroTec SE

Jandel Engineering Limited

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 Five-Axis Probe Station product scope, market overview, market estimation caveats and base year.



Chapter 2, to profile the top manufacturers of Five-Axis Probe Station, with price, sales, revenue and global market share of Five-Axis Probe Station from 2018 to 2023.

Chapter 3, the Five-Axis Probe Station competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Five-Axis Probe Station 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 Five-Axis Probe Station 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 Five-Axis Probe Station.

Chapter 14 and 15, to describe Five-Axis Probe Station sales channel, distributors, customers, research findings and conclusion.



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