

# Global High Precision Micro Gear Metering Pump Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global High Precision Micro Gear Metering Pump market size was valued at US\$ 1014 million in 2025 and is forecast to a readjusted size of US\$ 1674 million by 2032 with a CAGR of 8.3% during review period.

High Precision Micro Gear Metering Pump is a positive displacement metering pump that delivers microfluids using precisely meshing gears. The product creates sealed chambers through two synchronously counter-rotating gears within the housing pump, achieving pulse-free fluid delivery with high repeatability. With a flow rate range typically between 0.1 ml/min to 10 L/min and repeatability up to  $\pm 0.3\%$ , it can be constructed from materials such as stainless steel, ceramic, or PEEK according to medium characteristics. It is primarily used for precise fluid metering and dispensing in precision chemicals, medical devices, laboratory analysis, and semiconductor coating applications. The global market for high precision micro gear metering pumps is approximately \$985 million USD in 2025, with an annual sales volume of about 185 thousand units. The projected CAGR for the next five years is about 8.5%. The market price is \$5,324 per unit, single-line annual production capacity ranges from 5,000 to 8,000 units, and industry gross margins are generally between 35% and 50%.

This report is a detailed and comprehensive analysis for global High Precision Micro Gear Metering Pump 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 High Precision Micro Gear Metering Pump market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global High Precision Micro Gear Metering Pump market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global High Precision Micro Gear Metering Pump market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global High Precision Micro Gear Metering Pump market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **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 High Precision Micro Gear Metering Pump
- 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 High Precision Micro Gear Metering Pump 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 Mahr Metering Systems, Slack & Parr, Oerlikon, MAAG Group, CIRCOR Pumps, Diener Precision Pumps (Acrotec Group), Zenith (CIRCOR Pumps), Orbetron, MPS Precision Engineering, Beinlich, etc.

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

### **Market Segmentation**

High Precision Micro Gear Metering Pump market is split by Type and by Application. For the period 2021-2032, 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

Pneumatic Pump

Electric Pump

#### Market segment by Port

Single Head Pump

Multi-Head Pump

#### Market segment by Application

Chemicals

Pharmaceuticals

Plastics

Food & Beverage

Others

#### Major players covered

Mahr Metering Systems

Slack & Parr

Oerlikon

MAAG Group

CIRCOR Pumps

Diener Precision Pumps (Acrotec Group)

Zenith (CIRCOR Pumps)

Orbetron

MPS Precision Engineering

Beinlich

Kawasaki Heavy Industries

Northern Pump

Zaxis

B.S.C. Teknik

DOPAG

Shanghai Jonsn Fluid Equipment

Hangzhou Ontime I.T.

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 High Precision Micro Gear Metering Pump product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Precision Micro Gear Metering Pump, with price, sales quantity, revenue, and global market share of High Precision Micro Gear Metering Pump from 2021 to 2026.

Chapter 3, the High Precision Micro Gear Metering Pump competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Precision Micro Gear Metering Pump breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and High Precision Micro Gear Metering Pump market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 High Precision Micro Gear Metering Pump.

Chapter 14 and 15, to describe High Precision Micro Gear Metering Pump sales channel, distributors, customers, research findings and conclusion.

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