

Global High Precision Micro Gear Metering Pump Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global High Precision Micro Gear Metering Pump market size is expected to reach \$ 1674 million by 2032, rising at a market growth of 8.3% CAGR during the forecast period (2026-2032).

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 studies the global High Precision Micro Gear Metering Pump production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Precision Micro Gear Metering Pump and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Precision Micro Gear Metering Pump that contribute to its increasing demand across many

markets.

Highlights and key features of the study

Global High Precision Micro Gear Metering Pump total production and demand, 2021-2032, (K Units)

Global High Precision Micro Gear Metering Pump total production value, 2021-2032, (USD Million)

Global High Precision Micro Gear Metering Pump production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global High Precision Micro Gear Metering Pump consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: High Precision Micro Gear Metering Pump domestic production, consumption, key domestic manufacturers and share

Global High Precision Micro Gear Metering Pump production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global High Precision Micro Gear Metering Pump production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global High Precision Micro Gear Metering Pump production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global High Precision Micro Gear Metering Pump 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 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Precision Micro Gear Metering Pump market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global High Precision Micro Gear Metering Pump Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High Precision Micro Gear Metering Pump Market, Segmentation by Type:

Pneumatic Pump

Electric Pump

Global High Precision Micro Gear Metering Pump Market, Segmentation by Port:

Single Head Pump

Multi-Head Pump

Global High Precision Micro Gear Metering Pump Market, Segmentation by Application:

Chemicals

Pharmaceuticals

Plastics

Food & Beverage

Others

Companies Profiled:

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.

Key Questions Answered:

1. How big is the global High Precision Micro Gear Metering Pump market?
2. What is the demand of the global High Precision Micro Gear Metering Pump market?
3. What is the year over year growth of the global High Precision Micro Gear Metering Pump market?
4. What is the production and production value of the global High Precision Micro Gear Metering Pump market?
5. Who are the key producers in the global High Precision Micro Gear Metering Pump market?
6. What are the growth factors driving the market demand?

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