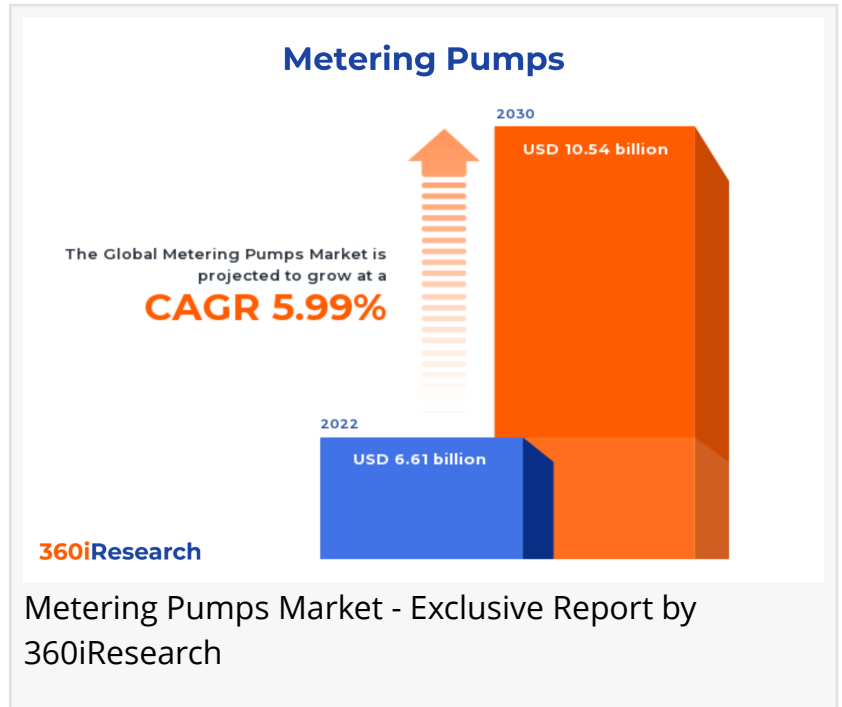


Metering Pumps Market worth \$10.54 billion by 2030, growing at a CAGR of 5.99% - Exclusive Report by 360iResearch

The Global Metering Pumps Market to grow from USD 6.61 billion in 2022 to USD 10.54 billion by 2030, at a CAGR of 5.99%.

PUNE, MAHARASHTRA, INDIA, November 10, 2023 / EINPresswire.com/ -- The "[Metering Pumps Market](#)" by Pump Drive (Motor-driven Metering Pumps, Pneumatic Metering Pumps, Solenoid-driven Metering Pumps), Type (Diaphragm Pumps, Piston/Plunger Pumps), End-use Industry - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



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Metering pumps are precision-engineered devices designed to accurately dispense precise volumes of liquids or chemicals in a controlled manner. These pumps are crucial in various industries and applications, such as wastewater treatment, chemical processing facilities, pharmaceutical production, food & beverage, and oil & gas production. Meanwhile, the increasing government's initiatives to support wastewater treatments and the growing importance of maintaining hygiene in food & beverage processing industries frequently contribute to the need for metering pumps for fluid and chemical management. However, the limitations associated with the maintenance and customization of metering pumps are a significant challenge for end-use industries. Companies continuously focus on research and development (R&D) activities and optimize the life cycle cost-effectiveness of their metering

pumps while maintaining process consistency to cater to end users' needs. Moreover, the rising adoption of digital pumping and recent technological advancements in metering pumps consequently contribute to the market's future growth. On the other hand, emerging economies are witnessing significant growth in sectors such as oil & gas production, contributing to the future expansion of the market while presenting an enormous opportunity for metering pump manufacturers.

End-use Industry: Innovative applications of pumping solutions designed for pharmaceutical and chemical processing

In the automotive industry, metering pumps play a critical role in numerous processes, such as fuel injection, fluid transfer, and lubrication. Metering pumps ensure precise delivery of fluids for optimal performance in engines and other automotive parts. The chemical processing industry relies heavily on metering pumps to accurately dose chemicals used in various processes such as mixing, blending, and reactions. Metering pump has extensive applications in food & beverage processing for accurate dosing of ingredients, additives, and cleaning agents, ensuring consistent product quality while minimizing waste. Metering pumps cater to applications such as oil extraction enhancement through chemical injection at high pressures or corrosive environments. Pharmaceutical manufacturing processes utilize metering pumps for accurate dosing of active ingredients, additives, or solutions for tablet coating. Pulp & paper, and textile industries use metering pumps to dose various chemicals during pulping, bleaching, and wastewater treatment processes. Metering pumps play a crucial role in water treatment plants by accurately injecting chemicals such as coagulants, disinfectants, or pH adjusters.

Pump Drive: Emerging solenoid-driven metering pumps into the waste water treatment plants and food processing plants

Motor-driven metering pumps are commonly used for general-purpose applications that require precise flow control and high-pressure capabilities. Manufacturers prefer motor-driven metering pumps for continuous processes, long-term operation, and aggressive chemicals due to their robustness and reliability. Pneumatic metering pumps are driven by compressed air or gas instead of relying on electricity or hydraulics. Pneumatic metering pumps are ideal for hazardous environments, such as chemical processing plants, offshore platforms, or mining operations, which may pose a risk of electrical sparks. Solenoid-driven metering pumps use electromagnetic forces to create fluid flow by converting electrical energy into linear motion. These compact, energy-efficient pumps are well-suited for applications requiring low-flow rates and low-pressure capacities, such as water treatment, pharmaceuticals, and food & beverage processing.

Type: Unique advantages of diaphragm pumps and plunger pumps depending on the application requirements

Diaphragm pumps are preferred in industries that require high precision, low maintenance, and the ability to handle viscous or abrasive fluids such as chemical processing, water treatment, and pharmaceutical production. Piston/plunger pumps are another type of positive displacement pump using a piston or plunger mechanism to create pressure within a chamber to force fluid through the pump. Piston pumps are ideal for high-pressure applications such as hydrostatic

testing or pressure washing and can handle higher-viscosity fluids like oil or grease. Piston/plunger pumps are primarily utilized in oil & gas, power generation, and heavy machinery manufacturing industries.

Regional Insights:

The United States is driving demand for metering pumps in the Americas due to its strong industrial base and technological advancements. Adopting these pumps in water treatment plants, power generation facilities, and manufacturing processes contributes to their growth. Additionally, in Canada, an increased focus on environmental regulations drives significant investments into more efficient wastewater treatment solutions incorporating metering pumps. Similarly, in Europe, the market for metering pumps is primarily driven by stringent government regulations related to energy efficiency and environmental protection. Increased awareness about sustainable business practices among European companies has led to adopting advanced technology solutions such as diaphragm-based metering pumps that offer accuracy and reliability in chemical dosages. Furthermore, Middle Eastern countries are witnessing remarkable growth in their demand for metering pumps due to ongoing infrastructural development projects such as desalination plants and oil refineries. The African continent's increasing investment in clean energy projects also influences market growth within this region. In Asia, China has witnessed significant growth in the metering pumps market due to its immense industrial sector expansion over recent years. The Chinese government's initiatives, such as Made in China and the Belt and Road Initiative, have encouraged domestic manufacturers to develop innovative solutions for accurate chemical dosing, boosting the demand for metering pumps in various industries. Moreover, in India and Japan, the market growth is driven by their strong industrial base and increased investment in several sectors such as pharmaceuticals, food & beverage, and water treatment. The Indian market's potential can be attributed to the rising urbanization and growing demand for smart city projects that require efficient management of water resources via technologically advanced metering pumps.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Metering Pumps Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Metering Pumps Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and

amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Metering Pumps Market, highlighting leading vendors and their innovative profiles. These include Aalborg Instruments & Controls, Inc., Adhesive Systems Technology Corporation, Anko Products, Inc., AquFlow, Ark Electric & Mechanical Co., Ltd., Blue-White Industries, Ltd., CETONI GmbH, Depam (Hangzhou) Pump Technology Co., Ltd., Dover Corporation, Enelsa Industrial Electronics, Etatron D. S., Flowinn (Shanghai) Industrial Co., Ltd., Graco, Inc., Grundfos Holding A/S, IDEX Corporation, Ingersoll Rand, Inc., Initiative Engineering, Iwaki America Inc., LEWA GmbH by Atlas Copco AB, LIGAO PUMP TECHNOLOGY, Mahr Metering Systems Corp., ProMinent GmbH, Randolph Austin Company, Seko S.p.A., Shree Rajeshwari Engineering Works Pvt. Ltd., Sidewinder Pumps, Inc., SPX Flow, Inc., Swelore Engineering Pvt. Ltd., Tapflo AB, Verder Liquids BV, Verito Engineering Private Limited, Wanner Engineering Inc., Watson-Marlow Fluid Technology Group by Spirax-Sarco Engineering PLC, Zhejiang Ailipu Technology Co., Ltd., and Zhejiang Yonjou Technology Co., Ltd..

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Market Segmentation & Coverage:

This research report categorizes the Metering Pumps Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Pump Drive, market is studied across Motor-driven Metering Pumps, Pneumatic Metering Pumps, and Solenoid-driven Metering Pumps. The Motor-driven Metering Pumps commanded largest market share of 50.94% in 2022, followed by Solenoid-driven Metering Pumps.

Based on Type, market is studied across Diaphragm Pumps and Piston/Plunger Pumps. The Diaphragm Pumps commanded largest market share of 76.31% in 2022, followed by Piston/Plunger Pumps.

Based on End-use Industry, market is studied across Automotive, Chemical Processing, Food & Beverage, Petrochemical, and Oil & Gas, Pharmaceutical, Pulp & Paper, Textile, and Water Treatment. The Water Treatment commanded largest market share of 32.75% in 2022, followed by Petrochemical, and Oil & Gas.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India,

Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Europe, Middle East & Africa commanded largest market share of 36.57% in 2022, followed by Asia-Pacific.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Metering Pumps Market, by Pump Drive
7. Metering Pumps Market, by Type
8. Metering Pumps Market, by End-use Industry
9. Americas Metering Pumps Market
10. Asia-Pacific Metering Pumps Market
11. Europe, Middle East & Africa Metering Pumps Market
12. Competitive Landscape
13. Competitive Portfolio
14. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Metering Pumps Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Metering Pumps Market?
3. What is the competitive strategic window for opportunities in the Metering Pumps Market?
4. What are the technology trends and regulatory frameworks in the Metering Pumps Market?

5. What is the market share of the leading vendors in the Metering Pumps Market?
6. What modes and strategic moves are considered suitable for entering the Metering Pumps Market?

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