

Chemical Injection Metering Pumps And Valves - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The Chemical Injection Metering Pumps And Valves Market size is estimated at USD 4.57 billion in 2024, and is expected to reach USD 5.25 billion by 2029, growing at a CAGR of 2.79% during the forecast period (2024-2029).

Due to the COVID-19 outbreak, nationwide lockdowns worldwide, disruption in manufacturing activities and supply chains, and production halts negatively impacted the market in 2020. However, the conditions started recovering in 2021, restoring the market's growth trajectory.

Key Highlights

- One of the major factors driving the market study is the accelerating demand for wastewater treatment applications.
- However, high maintenance and replacement costs in some applications are expected to hinder the market's growth.
- The energy, power, and chemicals industry dominated the market and is expected to grow during the forecast period. The water and wastewater treatment industry is expected to register the highest CAGR in the coming years.
- Asia-Pacific dominated the market, followed by North America and Europe, with the largest consumption from countries such as China, Japan, and India.
- Growing demand from the pharmaceutical industry will likely act as an opportunity in the future.

Chemical Injection Metering Pumps & Valves Market Trends

Energy, Power, and Chemicals to Dominate the Market

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- Energy, power, and chemicals are major end-user segments in the injection metering pumps and valves market. Even the pulp and paper industry is considered in this segment.
- The chemical industry consists of the synthesis of finished or intermediate products. Metering pumps and valves help handle various toxic chemicals at different temperatures and chemical processing pressures.
- Chemical injection systems also find major use in power generation. Chemicals, such as ferric sulfate and sulphuric acid, are needed in precise measurements to transform water into ultra-pure water for boilers.
- In France, imports from the United States and Middle Eastern countries meet most of the demand for petroleum products. Around 60% of the energy is utilized in the form of fossil resources in France. Energy is primarily derived from petroleum products, natural gas, and coal. Hence energy generation depends on imports from Saudi Arabia, Russia, Kazakhstan, Algeria, and Nigeria for crude oil while upon Russia, Norway, Nigeria, and the Netherlands for gas.
- Over 95% of the oil consumed in France is imported from other nations. A large share of oil is imported from Russia to fulfill the country's demand. However, since the onset of the Russia-Ukraine war, European Union has been finding ways to push out Russian oil from the European market. Since France is one of the largest oil importers in the European Union, the French government has already strengthened talks with United Arab Emirates (UAE) to replace Russian oil purchases.
- Most petrochemical facilities use generated heat to run boilers to meet site power requirements.
- As per the United States Census Bureau, revenue in mining and quarrying amounted to USD 14.39 billion in 2022, compared to USD 13.68 billion in 2021. The revenue from this sector is projected to amount to USD 15.25 billion in 2023.
- Mining and metallurgy are key industries in the country. Canada supplies over 60 metals and minerals to different countries worldwide. The mining industry invests in innovation and new technologies, rapidly reshaping the sector. The mining industry also witnessed consolidations, which led to speculations regarding the growth prospects for the industry in the coming years.
- Power industries, such as thermal and nuclear plants, often require chemicals to inject the feed water into the boiler system.
- The growth in the energy, power, and chemicals sectors with increasing investments is likely to drive the demand in the market studied during the forecast period.

China to Dominate the Market in Asia-Pacific Region

- Asia-Pacific region is expected to dominate the demand for chemical injection metering pumps and valves. China alone accounts for about 35% of the market in the Asia-Pacific region.
- The consumption of metering pumps and valves is high in oil and gas; the downstream production has increased in the country, which has also increased the production capacities of petrochemicals; therefore, it will augment the consumption of chemical injection metering pumps and valves in the country.
- The other end-user industry prominent in China is the chemical plants, many big companies in the market have their chemical plants in China, and they have even increased their production capacities, which will increase the consumption of chemical injection metering pumps and valves. The other major industry is a water treatment facility in the country, used in different industries.
- Wastewater treatment is mainly because the coal, steel, and iron industries require fresh water for daily activities. North China has approximately 90% of the country's coal-based industries.
- The Chinese government has enacted water use and discharge regulations to improve the region's precious water resources. Recently, the government has tightened the rules for coal and chemical plants in North China, which require zero-liquid discharge (ZLD).
- China's food and beverage industry is enormous and plays an important role in the country's economy. The food and beverages industry is expected to continue growing because of the increasing middle-class population with more purchase power and growing attention to food safety and quality.
- In the upstream Oil & Gas industry, manufacturers constantly seek to improve their production capacities, overall process

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efficiency, and machinery downtime. Oil and gas companies use chemical Injection metering pumps and valves to increase production, reduce corrosion, separate oil/gas/water, and improve the profitability of all exploration and recovery efforts.

- China is the world's second-largest consumer of oil and gas but only the sixth-largest producer of the same. As a big oil consumer, China's oil consumption is increasing yearly with fluctuating growth rates. However, China mainly relies on imports because the oil supply still cannot meet the demand.
- The growth in those mentioned above various end-user industries in the forecast period is expected to boost the demand for chemical injection metering pumps and valves in the country.

Chemical Injection Metering Pumps & Valves Industry Overview

The global chemical injection metering pumps and valves market is highly fragmented, with the top 5 players accounting for a very small market share. The major companies include IDEX Corporation, SPX Flow, Lewa GmbH, SkoFlo Industries Inc., and Seko SpA.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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