

Global Intelligent Pump and Control Systems Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Intelligent Pump and Control Systems market size was valued at USD 542.1 million in 2023 and is forecast to a readjusted size of USD 702.4 million by 2030 with a CAGR of 3.8% during review period.

Intelligent Pump Control (IPC) system offers an effective solution to ragging through detecting the early signs of blockages and taking action to automatically clear the problem. Pumps are maintained in a cleaner state which delivers further improvements in other key pump performance measures including pump reliability, up-time and energy efficiency.

IPC system accurately monitors pump performance by 'live' continuous measurement of torque producing current, plus flow and pump speed where appropriate. The live data is compared to measured values taken during commissioning, plus expected pump profile characteristics. Any 'out of profile' performance is instantly detected, giving an early warning indication of ragging. Should the pump 'out of profile' performance extend the profile settings, an automatic drive based cleansing cycle is initiated to clear the pump impeller.

The Global Info Research report includes an overview of the development of the Intelligent Pump and Control Systems industry chain, the market status of Building Automation (Pumps, Control Systems), Water & Wastewater (Pumps, Control Systems), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Intelligent Pump and Control Systems.

Regionally, the report analyzes the Intelligent Pump and Control Systems markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Intelligent Pump and Control Systems market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Intelligent Pump and Control Systems market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Intelligent Pump and Control Systems industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Pumps, Control Systems).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Intelligent Pump and Control Systems market.

Regional Analysis: The report involves examining the Intelligent Pump and Control Systems market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Intelligent Pump and Control Systems market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Intelligent Pump and Control Systems:

Company Analysis: Report covers individual Intelligent Pump and Control Systems manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Intelligent Pump and Control Systems. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Building Automation, Water & Wastewater).

Technology Analysis: Report covers specific technologies relevant to Intelligent Pump and Control Systems. It assesses the current state, advancements, and potential future developments in Intelligent Pump and Control Systems areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Intelligent Pump and Control Systems market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Intelligent Pump and Control Systems market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Pumps

Control Systems

Market segment by Application

Building Automation

Water & Wastewater

Oil & Gas

Chemicals

Power Generation

Major players covered

Grundfos

Xylem

Sulzer

Flowserve

ITT

Colfax

Kirloskar Brothers

Regal Beloit

KSB Aktiengesellschaft

Seepex

Wilo

Yaskawa Electric

Grunwl

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 Intelligent Pump and Control Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Intelligent Pump and Control Systems, with price, sales, revenue and global market share of Intelligent Pump and Control Systems from 2019 to 2024.

Chapter 3, the Intelligent Pump and Control Systems competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Intelligent Pump and Control Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and Intelligent Pump and Control Systems market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Intelligent Pump and Control Systems.

Chapter 14 and 15, to describe Intelligent Pump and Control Systems sales channel, distributors, customers, research findings and conclusion.

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