

Europe Water Treatment Industry Valves Market Forecast to 2030 - Regional Analysis - by Valve Type (Ball Valves, Butterfly Valves, Diaphragm Valves, Safety Valves, Check Valves, Gate Valves, and Others) and Material Type (Steel Alloys, Stainless Steel, Cast Iron, and Others)

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Abstracts

The Europe water treatment industry valves market was valued at US\$ 2,928.40 million in 2022 and is expected to reach US\$ 4,445.22 million by 2030; it is estimated to register a CAGR of 5.4% from 2022 to 2030.

Growing Number of Smart City Initiatives Drives Europe Water Treatment Industry Valves Market

Smart cities are rapidly evolving as urbanization is increasing. Water and energy are two of the most often used resources in cities. The overuse of these resources is steadily depleting them, which can potentially result in a catastrophic occurrence in the future. Thus, governments and energy corporations across the globe are implementing smart water management, which promotes efficient wastewater management and treatment using technology. A smart city uses technology to enhance operational efficiency and information transfer and improve both the quality of government services and citizen welfare. This technology has proven to lead to prominent improvements in water management, dramatically altering the way cities manage their water supplies. Smart cities use innovative techniques to improve water management, resulting in more efficiency, cost savings, and proactive decision-making. The rise in technology adoption is due to its features that include collecting data, managing operations, and planning upgrades to support the transition to a more efficient and effective utility infrastructure in

smart cities. Smart cities optimize water management operations with accurate and real-time data, allowing for increased infrastructure efficiency and resulting in decreased energy usage and expenditures.

The integration of computer models, field data, and Supervisory Control and Data Acquisition (SCADA) systems can help streamline operations and identify areas for rehabilitation or improvement in a water system. Owing to the benefits of smart cities, governments of various countries are taking initiatives to develop smart cities. The European Union Commission's Horizon Europe objective aims to transform 100 cities into climate-neutral and smart by 2030. Such initiatives are projected to support the development of smart cities. These smart cities are expected to have a proper smart water management system and treatment activities, which require next-generation valves. Thus, the growing number of smart city initiatives is projected to increase the demand for the next-generation industry valves, which is likely to fuel the market growth in the coming years.

Europe Water Treatment Industry Valves Market Overview

The water treatment industry valves market in Europe is undergoing significant growth and transformation, mainly driven by countries such as the UK and Spain. The UK provides opportunities for market players through its AMP 7, the 2020-2025 Water Sector Investment Cycle in England and Wales. Investments and expansions such as Kemira's move to expand its capacity of water treatment chemicals production indicate the increased demand from the water treatment industry, further signifying the elevated scales of operations of this industry. As the UK magnifies its efforts to meet water sector objectives, the demand for cutting-edge valve solutions within water treatment processes is poised for growth. Spain, experiencing remarkable growth in its water industry, faces challenges with significant water loss and aging infrastructure. The government's focus on scaling up operations in this industry, driven by worsening water infrastructure conditions and stricter EU regulations, positions public-private investments as a promising alternative. This, in turn, is expected to drive the demand for valves within the water treatment industry. The need for infrastructure upgrades, regulatory compliance requirements, and a heightened focus on water efficiency propel the demand for advanced valves on across Europe.

Europe Water Treatment Industry Valves Market Revenue and Forecast to 2030 (US\$ Million)

Europe Water Treatment Industry Valves Market Segmentation

The Europe water treatment industry valves market is categorized into valves type, material type, and country.

Based on valve type, the Europe water treatment industry valves market is segmented into ball valves, butterfly valves, diaphragm valves, safety valves, check valves, gate valves, and others. The ball valves segment held the largest market share in 2022.

In terms of material type, the Europe water treatment industry valves market is segmented into steel alloys, stainless steel, cast iron, and others. The stainless-steel segment held the largest share of Europe water treatment industry valves market in 2022.

By country, the Europe water treatment industry valves market is categorized into Germany, Spain, and the Rest of Europe. The Rest of Europe dominated the Europe water treatment industry valves market share in 2022.

Alfa Laval AB, Flowserve Corp, Valco Group, Spirax Sarco Engineering Plc, Dutch Valve Vision BV, Velan Inc, KITZ Corp, and Emerson Electric Co are some of the leading companies operating in the Europe water treatment industry valves market.

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