

Global pH Transmitter Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global pH Transmitter market size was valued at US\$ 1041 million in 2024 and is forecast to a readjusted size of USD 1681 million by 2031 with a CAGR of 6.3% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

pH transmitter is a device used to measure and monitor the pH value of a solution or liquid. It converts the signal detected by the pH sensor into a standard electrical signal (such as 4-20mA current signal, digital signal, etc.) for transmission to the control system or monitoring system. pH transmitters are widely used in water treatment, chemical, food and beverage, pharmaceutical and other industries for automated control and real-time monitoring.

As global industrialization progresses, particularly in sectors such as chemicals, food and beverages, and water treatment, the need for pH monitoring continues to rise. Stricter environmental regulations, especially in water pollution control, compel countries to invest more in water quality monitoring equipment, driving the adoption of pH transmitters. At the same time, the integration of smart technologies, such as the Internet of Things (IoT) and artificial intelligence (AI) in industrial production, has facilitated the shift of pH transmitters toward digitalization and remote monitoring, providing new growth opportunities for the market. Additionally, the global water scarcity issue and the increasing awareness of environmental protection further encourage companies to adopt more accurate pH monitoring technologies in water treatment processes to ensure compliance with environmental standards and improve operational

efficiency. These factors collectively contribute to the continued expansion of the pH transmitter market.

This report is a detailed and comprehensive analysis for global pH Transmitter market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global pH Transmitter market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global pH Transmitter market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global pH Transmitter market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global pH Transmitter market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for pH Transmitter
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global pH Transmitter market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mettler Toledo, Endress+Hauser, Yokogawa Electric, ABB, Emerson (Rosemount), Georg Fischer (GF Signet), JENCO, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

pH Transmitter market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single-channel

Two-channel

Four-channel

Market segment by Application

Water Treatment

Chemical

Food and beverages

Pharmaceuticals

Others

Major players covered

Mettler Toledo

Endress+Hauser

Yokogawa Electric

ABB

Emerson (Rosemount)

Georg Fischer (GF Signet)

JENCO

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 pH Transmitter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of pH Transmitter, with price, sales quantity, revenue, and global market share of pH Transmitter from 2020 to 2025.

Chapter 3, the pH Transmitter competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the pH Transmitter breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and pH Transmitter market forecast, by regions, by Type, and by Application,

with sales and revenue, from 2026 to 2031.

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 pH Transmitter.

Chapter 14 and 15, to describe pH Transmitter sales channel, distributors, customers, research findings and conclusion.

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