

Global PH Sensors Market Growth 2025-2031

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Abstracts

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The global PH Sensors market size is predicted to grow from US\$ 776 million in 2025 to US\$ 1828 million in 2031; it is expected to grow at a CAGR of 15.4% from 2025 to 2031.

The pH Sensor is a critical components of a pH measurement loop. A pH measurement loop is made up of three components, the pH sensor, which includes a measuring electrode, a reference electrode, and a temperature sensor; a preamplifier; and an analyser or transmitter. A pH measurement loop is essentially a battery where the positive terminal is the measuring electrode and the negative terminal is the reference electrode. The measuring electrode, which is sensitive to the hydrogen ion, develops a potential (voltage) directly related to the hydrogen ion concentration of the solution. The reference electrode provides a stable potential against which the measuring electrode can be compared.

Global PH Sensors key players include Endress+Hauser, Emerson, Yokogawa Electric Corporation, ABB, Honeywell, etc. Global top five manufacturers hold a share over 40%. USA is the largest market, with a share about 40%, followed by Europe and Japan, total have a share over 40 percent. In terms of product, Glass Type Sensor is the largest segment, with a share about 80%. And in terms of application, the largest application is Chemical Industry, followed by Water Treatment, Pharmaceutical Industry, Food and Beverages.

LP Information, Inc. (LPI) ' newest research report, the "PH Sensors Industry Forecast" looks at past sales and reviews total world PH Sensors sales in 2024, providing a comprehensive analysis by region and market sector of projected PH Sensors sales for 2025 through 2031. With PH Sensors sales broken down by region, market sector and

sub-sector, this report provides a detailed analysis in US\$ millions of the world PH Sensors industry.

This Insight Report provides a comprehensive analysis of the global PH Sensors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PH Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PH Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PH Sensors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PH Sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of PH Sensors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Glass Type Sensor

ISFET Sensor

Others

Segmentation by Application:

Chemical

Pharmaceutical Industry

Food and Beverages

Water Treatment

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Endress+Hauser

Emerson

Honeywell

ABB

Yokogawa Electric

Mettler Toledo

Vernier Software & Technology

Barben Analyzer (Ametek)

Hach

Knick

OMEGA Engineering

REFEX Sensors

PreSens Precision Sensing

Sensorex

Hamilton

Key Questions Addressed in this Report

What is the 10-year outlook for the global PH Sensors market?

What factors are driving PH Sensors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PH Sensors market opportunities vary by end market size?

How does PH Sensors break out by Type, by Application?

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