

Global Market for pH Sensors

Market Research Report | 2023-03-06 | 173 pages | BCC Research

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Report description:

Description

Report Scope:

This report will cover the pH sensor industry. Definitive and detailed estimates and forecasts of the global market are provided, followed by a detailed analysis of the product type, regions and end use. Ongoing market trends, market growth drivers and challenges impeding the market are discussed.

Using 2021 as the base year, the report provides estimated market data for the forecast period, 2022-2027. The market size for different regions (regions by product, system and end use) will also be covered. The impact of COVID-19 was also considered when deriving market estimations. Sales value estimates are based on prices in the supply chain. Market-driving forces and industry structure are examined. International aspects are analyzed for all global regions. Profiles of major global manufacturers are presented.

This report considers the impact of COVID-19. In 2020, the growth rate of manufacturing industries around the world was severely affected by the pandemic. The COVID-19 pandemic halted progress in every regional economy. Various governments around the world took measures to contain the economic slowdown.

Report Includes:

- 40 data tables and 22 additional tables
- An overview of the global markets for pH sensors
- Analyses of the global market trends, with data for 2021, 2022 and projections of compound annual growth rates (CAGRs) through 2027

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- Estimation of the market size and revenue forecast for pH sensors, and market share analysis by type, system, end-user, and region
- Highlights of the market opportunities, and major issues and trends affecting the pH sensors industry
- Assessment of the current market size and forecast of market development in the coming five years, and insight into the value chain analysis, demand-supply gap, and factors driving and restraining the growth
- Information on recent mergers, acquisitions, collaborations, agreements, partnerships, product launches, and expansions in the global pH sensors market
- Identification of the major stakeholders and analysis of the competitive landscape based on recent developments, financial performance, and segmental revenues
- Company profiles of major players within the industry, including ABB Ltd., Emerson Electric, Honeywell International, Schneider Electric, and Thermo Fisher Scientific Inc.

Executive Summary

Summary:

The global pH sensor market totaled \$REDACTED billion in 2021 and \$REDACTED billion in 2022. Growing at a CAGR of REDACTED%, the market is expected to reach \$REDACTED billion in 2027.

It is critical to safeguard the environment and water supply. Water pollution is getting progressively worse. This problem is being watched by all nations. Industry is the foundation of many national economies. Water contamination is a big concern on a global scale. In metropolitan settings, sewage treatment technology can efficiently treat domestic and industrial wastewater to stop sewage and contaminants from entering waterways. pH sensors are crucial components of sewage treatment machinery.

pH, commonly used for water measurement, is a measure of acidity and alkalinity: the caustic and base present in a given solution. The pH sensor measures the amount of hydrogen ions present in a solution and transforms that information into a useful output signal. Sensors typically consist of a signal transmission component and a chemical component. The measuring range is represented digitally as 0- 14. The number 7 denotes neutrality. Alkalinity is stronger when the value is higher; acidity is stronger when the value is lower. The pH sensor is frequently employed in industry to test solutions and water.

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