

Global PH Sensors Market Size study & forecast, by Type (Benchtop Analyzers, Portable Analyzers, Process Analyzers) by Application (Water and Wastewater, Medical, Oil and Gas, Food and Beverages, Industrial, Other Applications) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G3A48F170A90EN.html>

Date: May 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3A48F170A90EN

Abstracts

Global PH Sensors Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. pH sensors are the device for measuring the hydrogen ion activity in water-based solutions, to quantify acidity or alkalinity expressed as pH. Hydrogen concentration fluctuations are measured by pH sensors. PH sensors are used in a variety of industries, including those dealing with water and wastewater, chemicals, oil and gas, food and beverage production, pharmaceutical and medical research, paper production, metal and mining, and agriculture. The key factor driving the market growth is supportive government regulations on water intensive industries, and growing demand in water and wastewater treatment plants. Also, rising industrial automation is anticipated to create the lucrative demand for the market during forecast period.

However, the water and wastewater treatment sector play a significant role in supporting the growth of the pH sensors market. pH sensors are important in water and wastewater treatment processes as they help monitor the pH levels of the water, which is critical for ensuring that the treatment process is effective. Thus, the growing water and wastewater treatment sector is anticipated to support the market growth. According to Statista, in 2021, the global water and wastewater treatment market is valued USD 281.75 billion and it is anticipated to reach USD 489.01 billion by 2029. Additionally, the development of Internet of Things (IoT)-enabled digital pH sensors is anticipated to

create the lucrative opportunity for the market during forecast period. However, the high cost of pH Sensors stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global PH Sensors Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to the presence of key market players, rising awareness about benefits of pH sensors, and growing demand in wastewater treatment plants. Whereas, Asia Pacific is also anticipated to exhibit highest growth rate over the forecast period, owing to factors such as growing industrial automation, growing demand in food and beverages, agriculture, water and wastewater treatment sectors in the region would create lucrative growth prospects for the PH Sensors market across Asia Pacific region.

Major market player included in this report are:

Christian Burkert GmbH & Co. KG (Germany)

DKK-TOA Corporation (Japan)

Endress+Hauser Group Services AG (Switzerland)

Hamilton Company (US)

Honeywell International (US)

Knick Electronische Messgerate GmbH & Co. KG (Germany)

Thermo Fisher Scientific Inc. (US)

Yokogawa Electric Corporation (Japan)

LTH Electronics Ltd. (UK)

Omega Engineering Inc (US)

Recent Developments in the Market:

In Feb. 2020, Honeywell International Inc. announced its collaboration with Bigfinite aiming to deliver solutions and platforms for the life science industry. This collaboration is set to leverage the company's expertise in process management and controls technology with infinite innovative technologies, such as AI, ML platform, built specifically for biotechnology, and pharmaceutical industries.

Global PH Sensors Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Benchtop Analyzers

Portable Analyzers

Process Analyzers

By Application:

Water and Wastewater

Medical

Oil and Gas

Food and Beverages

Industrial

Other Applications

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. PH Sensors Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. PH Sensors Market, by Type, 2019-2029 (USD Billion)
 - 1.2.3. PH Sensors Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL PH SENSORS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL PH SENSORS MARKET DYNAMICS

- 3.1. PH Sensors Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing demand in water and wastewater treatment plants
 - 3.1.1.2. Supportive government initiatives
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of PH Sensors
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Development of Internet of Things (IoT)-enabled digital pH sensors

CHAPTER 4. GLOBAL PH SENSORS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL PH SENSORS MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global PH Sensors Market by Type, Performance - Potential Analysis
- 6.3. Global PH Sensors Market Estimates & Forecasts by Type 2019-2029 (USD Billion)
- 6.4. PH Sensors Market, Sub Segment Analysis
 - 6.4.1. Benchtop Analyzers
 - 6.4.2. Portable Analyzers
 - 6.4.3. Process Analyzers

CHAPTER 7. GLOBAL PH SENSORS MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global PH Sensors Market by Application, Performance - Potential Analysis
- 7.3. Global PH Sensors Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 7.4. PH Sensors Market, Sub Segment Analysis
 - 7.4.1. Water and Wastewater
 - 7.4.2. Medical
 - 7.4.3. Oil and Gas
 - 7.4.4. Food and Beverages

7.4.5. Industrial

7.4.6. Other Applications

CHAPTER 8. GLOBAL PH SENSORS MARKET, REGIONAL ANALYSIS

8.1. PH Sensors Market, Regional Market Snapshot

8.2. North America PH Sensors Market

8.2.1. U.S. PH Sensors Market

8.2.1.1. Type breakdown estimates & forecasts, 2019-2029

8.2.1.2. Application breakdown estimates & forecasts, 2019-2029

8.2.2. Canada PH Sensors Market

8.3. Europe PH Sensors Market Snapshot

8.3.1. U.K. PH Sensors Market

8.3.2. Germany PH Sensors Market

8.3.3. France PH Sensors Market

8.3.4. Spain PH Sensors Market

8.3.5. Italy PH Sensors Market

8.3.6. Rest of Europe PH Sensors Market

8.4. Asia-Pacific PH Sensors Market Snapshot

8.4.1. China PH Sensors Market

8.4.2. India PH Sensors Market

8.4.3. Japan PH Sensors Market

8.4.4. Australia PH Sensors Market

8.4.5. South Korea PH Sensors Market

8.4.6. Rest of Asia Pacific PH Sensors Market

8.5. Latin America PH Sensors Market Snapshot

8.5.1. Brazil PH Sensors Market

8.5.2. Mexico PH Sensors Market

8.5.3. Rest of Latin America PH Sensors Market

8.6. Rest of The World PH Sensors Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Christian Burkert GmbH & Co. KG (Germany)

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. DKK-TOA Corporation (Japan)
- 9.2.3. Endress+Hauser Group Services AG (Switzerland)
- 9.2.4. Hamilton Company (US)
- 9.2.5. Honeywell International (US)
- 9.2.6. Knick Electronische Messgerate GmbH & Co. KG (Germany)
- 9.2.7. Thermo Fisher Scientific Inc. (US)
- 9.2.8. Yokogawa Electric Corporation (Japan)
- 9.2.9. LTH Electronics Ltd. (UK)
- 9.2.10. Omega Engineering Inc (US)

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global PH Sensors Market, report scope

TABLE 2. Global PH Sensors Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global PH Sensors Market estimates & forecasts by Type 2019-2029 (USD Billion)

TABLE 4. Global PH Sensors Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 5. Global PH Sensors Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global PH Sensors Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global PH Sensors Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global PH Sensors Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global PH Sensors Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global PH Sensors Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global PH Sensors Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global PH Sensors Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global PH Sensors Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global PH Sensors Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 39. China PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico PH Sensors Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA PH Sensors Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 65. RoLA PH Sensors Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 66. Row PH Sensors Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row PH Sensors Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 68. Row PH Sensors Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 69. List of secondary sources, used in the study of global PH Sensors Market

TABLE 70. List of primary sources, used in the study of global PH Sensors Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global PH Sensors Market, research methodology
 - FIG 2. Global PH Sensors Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global PH Sensors Market, key trends 2021
 - FIG 5. Global PH Sensors Market, growth prospects 2022-2029
 - FIG 6. Global PH Sensors Market, porters 5 force model
 - FIG 7. Global PH Sensors Market, pest analysis
 - FIG 8. Global PH Sensors Market, value chain analysis
 - FIG 9. Global PH Sensors Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global PH Sensors Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global PH Sensors Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global PH Sensors Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global PH Sensors Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global PH Sensors Market, regional snapshot 2019 & 2029
 - FIG 15. North America PH Sensors Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe PH Sensors Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific PH Sensors Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America PH Sensors Market 2019 & 2029 (USD Billion)
 - FIG 19. Global PH Sensors Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global PH Sensors Market Size study & forecast, by Type (Benchtop Analyzers, Portable Analyzers, Process Analyzers) by Application (Water and Wastewater, Medical, Oil and Gas, Food and Beverages, Industrial, Other Applications) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G3A48F170A90EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3A48F170A90EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970