

pH Meters Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/PC15FB7FC9D6EN.html>

Date: November 2023

Pages: 148

Price: US\$ 2,499.00 (Single User License)

ID: PC15FB7FC9D6EN

Abstracts

The global pH meters market size reached US\$ 1.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.2 Billion by 2028, exhibiting a growth rate (CAGR) of 5.5% during 2022-2028. The increasing preference for processed food, rising product adoption in the agricultural sector, and the growing use of pH meters to access the health of aquatic ecosystems represent some of the key factors driving the market.

pH meters are instruments used to measure the acidity or alkalinity (pH) of a solution. They comprise a temperature sensor and a voltmeter attached to an electrode. They work by measuring the electrical potential difference between a pH electrode and a reference electrode. They provide accurate measurements of the pH of a solution and are more precise as compared to pH paper or other chemical indicators, which can be affected by factors such as temperature, humidity, and the perception of the color. They are commonly available in various sizes and configurations that can measure pH values ranging from 0 to 14 of liquids, solids, and semi-solids. They can also be incorporated into a larger process control system and provide continuous monitoring of the pH of a solution.

pH Meters Market Trends:

pH meters are employed in the food and beverage (F&B) industry to assess the pH value of dairy products, such as cheese, curd, and yogurt. This, coupled with the increasing preference for processed and ready to eat (RTE) food products on account of rapid urbanization and expanding purchasing power of consumers, represents one of the major factors strengthening the growth of the market around the world. Moreover, the rising use of pH meters to monitor the pH of lakes, rivers, and oceans to assess the health of aquatic ecosystems due to the growing environmental concerns is influencing the market positively. In addition, there is an increase in the use of pH meters in the agricultural sector to monitor the pH of soil and water to ensure optimal crop growth.

This, along with governments of various countries are undertaking initiatives to promote sustainable agriculture practices. Apart from this, the increasing adoption of pH meters to measure the water quality in municipal wastewater systems and swimming pools is favoring the growth of the market. Furthermore, key players are introducing portable and handheld pH meters with automatic temperature control. These variants are also integrated with advanced technologies, such as smart sensors and multi parameter analysis to improve the experience of the consumer. Besides this, the growing awareness about the importance of pH measurement is creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global pH meters market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, type and end use.

Product Insights:

Bench Top pH Meters

Portable pH Meters

Continuous pH Meters

Others

The report has provided a detailed breakup and analysis of the pH meters market based on the product. This includes bench top pH meters, portable pH meters, continuous pH meters, and others. According to the report, bench top pH meters represented the largest segment.

Type Insights:

Digital

Manual

A detailed breakup and analysis of the pH meters market based on the type has also been provided in the report. This includes digital and manual. According to the report, digital accounted for the largest market share.

End Use Insights:

Pharmaceuticals

Biotechnology

Environmental Research

Pollution Control

Food Science

Others

The report has provided a detailed breakup and analysis of the pH meters market based on the end use. This includes pharmaceuticals, biotechnology, environmental research, pollution control, food science, and others.

Regional Insights:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others) was the largest market for pH meters. Some of the factors driving the Europe pH meters market included government initiatives, product innovation, integration of advanced technologies, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global pH meters market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles

of all major companies have been provided. Some of the companies covered include Agilent Technologies Inc., Emerson Electric Co., ESICO INTERNATIONAL, Hanna Instruments, Jenco Instruments Inc, Metrohm AG, Mettler Toledo, Omega Engineering Inc. (Spectris plc), Panomex Inc., PerkinElmer Inc., Thermo Fisher Scientific Inc., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global pH meters market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global pH meters market?

What is the impact of each driver, restraint, and opportunity on the global pH meters market?

What are the key regional markets?

Which countries represent the most attractive pH meters market?

What is the breakup of the market based on the product?

Which is the most attractive product in the pH meters market?

What is the breakup of the market based on the type?

Which is the most attractive type in the pH meters market?

What is the breakup of the market based on end use?

Which is the most attractive end use in the pH meters market?

What is the competitive structure of the global pH meters market?

Who are the key players/companies in the global pH meters market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PH METERS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Bench Top pH Meters
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Portable pH Meters
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 Continuous pH Meters
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY TYPE

- 7.1 Digital
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Manual
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY END USE

- 8.1 Pharmaceuticals
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Biotechnology
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Environmental Research
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Pollution Control
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Food Science
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Others
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

9.3.3.1 Market Trends

- 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Agilent Technologies Inc.
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Emerson Electric Co.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 ESICO INTERNATIONAL
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Hanna Instruments
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 Jenco Instruments Inc
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Metrohm AG
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio

- 14.3.7 Mettler Toledo
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 Omega Engineering Inc. (Spectris plc)
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Panomex Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 PerkinElmer Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Thermo Fisher Scientific Inc.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: pH Meters Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: pH Meters Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: pH Meters Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 4: Global: pH Meters Market Forecast: Breakup by End Use (in Million US\$), 2023-2028

Table 5: Global: pH Meters Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: pH Meters Market: Competitive Structure

Table 7: Global: pH Meters Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: pH Meters Market: Major Drivers and Challenges

Figure 2: Global: pH Meters Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: pH Meters Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: pH Meters Market: Breakup by Product (in %), 2022

Figure 5: Global: pH Meters Market: Breakup by Type (in %), 2022

Figure 6: Global: pH Meters Market: Breakup by End Use (in %), 2022

Figure 7: Global: pH Meters Market: Breakup by Region (in %), 2022

Figure 8: Global: pH Meters (Bench Top pH Meters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: pH Meters (Bench Top pH Meters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: pH Meters (Portable pH Meters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: pH Meters (Portable pH Meters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: pH Meters (Continuous pH Meters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: pH Meters (Continuous pH Meters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: pH Meters (Other Products) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: pH Meters (Other Products) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: pH Meters (Digital) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: pH Meters (Digital) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: pH Meters (Manual) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: pH Meters (Manual) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: pH Meters (Pharmaceuticals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: pH Meters (Pharmaceuticals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: pH Meters (Biotechnology) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: pH Meters (Biotechnology) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: pH Meters (Environmental Research) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: pH Meters (Environmental Research) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: pH Meters (Pollution Control) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: pH Meters (Pollution Control) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: pH Meters (Food Science) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: pH Meters (Food Science) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: pH Meters (Other End Uses) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: pH Meters (Other End Uses) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: North America: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: North America: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: United States: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: United States: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Canada: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Canada: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Asia-Pacific: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Asia-Pacific: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: China: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: China: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Japan: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Japan: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: India: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: India: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: South Korea: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: South Korea: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Australia: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Australia: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Indonesia: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Indonesia: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Others: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Others: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Europe: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Europe: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Germany: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Germany: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: France: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: France: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: United Kingdom: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: United Kingdom: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Italy: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Italy: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Spain: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Spain: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Russia: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Russia: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Others: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Latin America: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Latin America: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Brazil: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Brazil: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Mexico: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Mexico: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Others: pH Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Others: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Middle East and Africa: pH Meters Market: Sales Value (in Million US\$),

2017 & 2022

Figure 79: Middle East and Africa: pH Meters Market: Breakup by Country (in %), 2022

Figure 80: Middle East and Africa: pH Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Global: pH Meters Industry: SWOT Analysis

Figure 82: Global: pH Meters Industry: Value Chain Analysis

Figure 83: Global: pH Meters Industry: Porter's Five Forces Analysis

I would like to order

Product name: pH Meters Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/PC15FB7FC9D6EN.html>

Price: US\$ 2,499.00 (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/PC15FB7FC9D6EN.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

