

Global Potentiostat Market Size study & Forecast, by End-User Application (Pharmaceutical, Environmental, Food Testing, and Water Testing) and Regional Analysis, 2022-2029

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Abstracts

The global Potentiostat Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2029. A potentiostat is used to regulate the working electrode potential. It is an analytical instrument. Various internal circuits in the potentiostat allow it to work in this capacity. The circuits generate currents and potentials which later measured. The Potentiostat market is expanding because of factors such as the rising awareness towards food quality and growing adoption by end-user industries in the forecast period.

According to the World Health Organization in 2022, WHO is working to minimize the cases of food poisoning and spreading of diseases. It includes providing independent scientific assessments on microbiological and chemical hazards that form the basis for international food standards, guidelines, and recommendations, known as the Codex Alimentarius. Also helping implement adequate infrastructure to manage food safety risks. Additionally, WHO works closely with Food and Agriculture Organization (FAO), the World Organization for Animal Health (OIE), The UN Environment Programme (UNEP), and other international organizations to ensure food safety and quality. Whereas rising stringent government regulations and technological advancement across chemical testing create lucrative opportunities for the market. However, the higher initial cost of instruments hampers the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Potentiostat Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North

America dominated the market in terms of revenue, owing to the rising demand for potentiostats across corrosion, environment monitoring, drug development, and food testing, etc. Also, North America is expected to grow significantly during the forecast period, owing to factors such as increasing demand and investment by end-user industries towards quality of the products and stringent government regulations in the forecast period

Major market players included in this report are:

Metrohm AG

Tektronix

DropSens

AMETEK Inc.

BioLogic Sciences Instruments SA

Danaher Corp.

Gamry Instruments

Harvard Bioscience Inc.

Ivium Technologies BV

Metrohm AG

Recent Developments in the Market:

In April 2022, Metrohm DropSens has developed a novel multichannel bipotentiostat, galvanostat, and impedance analyzer (MultiPEIS technology) for multi-user and multidisciplinary electrochemical research. The system is suitable for use with both screen-printed electrodes and conventional setups.

In March 2022: ECSens has announced the ultra-compact potentiostat, the smallest and most affordable electrochemical sensing .It is designed to work with screen-printed electrodes or other sensors on the market. ECSens is a top-of-the-line entry-level potentiostat for electrochemical research, biosensor development, and a variety of other applications. MicruX ECSens includes the most common electroanalytical techniques, voltammetry and amperometry, allowing for true on-site analysis. MicruX EC Manager Lite, a graphical user interface, provides complete device control from a PC.

Furthermore, ECSens supports multiplexing.

Global Potentiostat 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 End-User Application, 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 End-User Application:

Pharmaceutical,
Environmental,
Food Testing,
Water Testing

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

Rest of the World

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