

# **Electrochemical Instruments Market by Product (Electrochemical Meters, Titrators, Ion Chromatographs), by Technology (Potentiometry, Coulometry, Voltammetry), by End User (Environmental Testing, Food & Agriculture) - Analysis & Global Forecast to 2019**

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## **Abstracts**

Over the years, electrochemical instruments have become an integral part of research laboratories across the globe and are routinely employed to monitor processes in biotechnology and pharmaceutical, environmental testing, agriculture and food and academic institutions.

In 2014, the electrochemical meters segment accounted for a major share of the electrochemical instruments products market. On the basis of type, the electrochemical meters market is further segmented into benchtop meters and portable meters. In 2014, the benchtop meters accounted for the largest share of the electrochemical meters market; the potentiometry segment accounted for the largest share of the electrochemical instruments market, by technology; and the environmental testing industry segment accounted for the largest share of electrochemical instruments end user market.

In 2014, Europe accounted for the largest share of the electrochemical instruments market, followed by North America, Asia-Pacific, and the Rest of the World (RoW). In the coming years, the electrochemical instruments market is expected to witness the highest growth rate in the Asia-Pacific region, with emphasis on India, China, and Japan. These countries are expected to increase revenues for the manufacturers of electrochemical instruments.

The global electrochemical instruments market witnesses high-competitive intensity as there are several big and many small firms with similar product offerings. These companies adopt various strategies (agreements, partnerships, joint ventures, collaborations, geographical expansions, and acquisitions) to increase their market shares and to establish a strong foothold in the global market.

#### Reasons to Buy the Report:

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn helps the firms, garner a greater market share. Firms purchasing the report could use any one or a combination of the below-mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for strengthening their market shares.

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on the product portfolios offered by the key players in the electrochemical instruments market. The report analyzes the electrochemical instruments market by product, technology, and end users

**Product Development/Innovation:** Detailed insights on the upcoming technologies, research and development activities, and new product launches in the electrochemical instruments market

**Market Development:** Comprehensive information about the lucrative emerging markets. The report analyzes the markets for various electrochemical instruments technologies across regions

**Market Diversification:** Exhaustive information about new products, untapped regions, recent developments, and investments in the electrochemical instruments market

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## About

This market is expected to reach \$2,205.9 Million by 2019 from \$1,713.0 Million in 2014, at a CAGR of 5.2% during the forecast period of 2014 to 2019.

The global electrochemical instruments market is segmented on the basis of products, technologies, end users, and regions.

The major players in the Global Electrochemical Instruments Market are

Hanna Instruments, Inc. (U.S.)

Xylem Inc. (U.S.)

METTLER-TOLEDO International, Inc. (U.S.)

Danaher Corporation (U.S.)

Thermo Fisher Scientific, Inc. (U.S.)

Based on products, the electrochemical instruments market is categorized into electrochemical meters, titrators, ion chromatographs, potentiostats/galvanostats, and others. In 2014, the electrochemical meters segment accounted for a major share of the electrochemical instruments market, by product. On the basis of type, the electrochemical meters market is further segmented into benchtop meters and portable. In 2014, the benchtop meters accounted for the largest share of the electrochemical meters market.

Based on technologies, the electrochemical instruments market is segmented into potentiometry, voltammetry, coulometry, and other technologies. In 2014, potentiometry segment accounted for the largest share of electrochemical instruments marker. Based on end users, the electrochemical instruments market is segmented into environmental testing industry, biotechnology and pharmaceutical industry, food and agriculture industries, academic and research institutes, and others. In 2014, the environmental

testing industry segment accounted for the largest share of electrochemical instruments market.

On the basis of regions, the market is divided into North America, Europe, Asia-Pacific, and the Rest of the World (RoW). The Rest of the World region comprises Latin America, the Middle East and Africa. In 2014, Europe accounted for the largest share of the electrochemical instruments market, followed by North America, and Asia-Pacific.

Factors driving the growth of this market include growing demand for multi-parameter test instruments, and awareness amongst the people about the safe water consumption. Moreover, emerging Asian markets, rising R&D expenditure of pharmaceutical and biotechnology companies globally, and global alliances amongst leading research institutes to trigger drug discovery to create huge opportunities for this market in coming years. However, factors such as commoditization of electrochemical instruments and declining average selling prices of electrochemical instruments are hindering the growth of this market.

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