

# Global ISE Accessories and Electrodes Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global ISE Accessories and Electrodes market size is expected to reach \$ 1094 million by 2032, rising at a market growth of 7.1% CAGR during the forecast period (2026-2032).

In 2025, global ISE Accessories and Electrodes production reached approximately 0.66 million units, with an average global market price of around US\$ 1000 per unit. Annual production capacity is 1 million units. Gross Profit Margin: 35%. ISE (Ion-Selective Electrode) accessories and electrodes refer to a complete set of electrochemical sensing components and supporting materials used for the selective measurement of specific ions in a solution. Upstream includes membrane materials, chemical reagents, glass/plastic components, and electronic parts; midstream consists of electrode manufacturing, sensor assembly, and accessory production; downstream covers environmental monitoring, water testing, clinical diagnostics, food analysis, and industrial process control, with recurring demand driven by consumables such as membranes and calibration solutions. The market is stable and driven by replacement demand rather than rapid expansion, with growth supported by environmental regulations and healthcare testing; future competition will focus on durability, accuracy, and integration with automated and digital analytical systems.

This report studies the global ISE Accessories and Electrodes production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for ISE Accessories and Electrodes and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of ISE Accessories and

Electrodes that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ISE Accessories and Electrodes total production and demand, 2021-2032, (K Units)

Global ISE Accessories and Electrodes total production value, 2021-2032, (USD Million)

Global ISE Accessories and Electrodes production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global ISE Accessories and Electrodes consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: ISE Accessories and Electrodes domestic production, consumption, key domestic manufacturers and share

Global ISE Accessories and Electrodes production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global ISE Accessories and Electrodes production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global ISE Accessories and Electrodes production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global ISE Accessories and Electrodes market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Thermo Fisher Scientific (NYSE: TMO, USA), Metrohm AG (Private, Switzerland), Hanna Instruments, Inc. (Private, USA), Hach Company (Subsidiary of Danaher, NYSE: DHR, USA), HORIBA, Ltd. (TYO: 6856, Japan), Mettler-Toledo International Inc. (NYSE: MTD, USA), Xylem Inc. (NYSE: XYL, USA), Endress+Hauser Group (Private, Switzerland), Radiometer Medical ApS (Subsidiary of Danaher, USA/Denmark), DKK-TOA Corporation (TYO: 6848, Japan), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World ISE Accessories and Electrodes market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global ISE Accessories and Electrodes Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global ISE Accessories and Electrodes Market, Segmentation by Type:

Ion-Selective Electrodes (Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>2+</sup>, Cl<sup>-</sup>, NH<sub>4</sub><sup>+</sup>, NO<sub>3</sub><sup>-</sup>, F<sup>-</sup>, etc.)

Combination Electrodes (with built-in reference)

Reference Electrodes

ISE Accessories (membranes, caps, cables, holders)

Reagents & Solutions (ISA, calibration standards, filling solutions)

#### Global ISE Accessories and Electrodes Market, Segmentation by Parameter (Measured Ion):

Cation Electrodes (Na?, K?, Ca??, NH??)

Anion Electrodes (Cl?, F?, NO??, CN?)

Gas-Sensing Electrodes (NH?, CO?)

#### Global ISE Accessories and Electrodes Market, Segmentation by Technology:

Glass Membrane Electrodes

Solid-State Electrodes

Polymer (PVC Membrane) Electrodes

Liquid Membrane Electrodes

#### Global ISE Accessories and Electrodes Market, Segmentation by Application:

Environmental Monitoring Agencies

Hospitals & Clinical Laboratories

Industrial Facilities

#### Companies Profiled:

Thermo Fisher Scientific (NYSE: TMO, USA)

Metrohm AG (Private, Switzerland)

Hanna Instruments, Inc. (Private, USA)

Hach Company (Subsidiary of Danaher, NYSE: DHR, USA)

HORIBA, Ltd. (TYO: 6856, Japan)

Mettler-Toledo International Inc. (NYSE: MTD, USA)

Xylem Inc. (NYSE: XYL, USA)

Endress+Hauser Group (Private, Switzerland)

Radiometer Medical ApS (Subsidiary of Danaher, USA/Denmark)

DKK-TOA Corporation (TYO: 6848, Japan)

Hamilton Company (Private, USA)

Shanghai INESA Scientific Instrument Co., Ltd. (SSE: 600602, China)

Tianjin ShareShine Technology Development Co., Ltd. (Private, China)

Jiangsu Jiangfen Electroanalytical Instrument Co., Ltd. (Private, China)

REX (Shanghai) Technology Co., Ltd. (Private, China)

#### Key Questions Answered:

1. How big is the global ISE Accessories and Electrodes market?
2. What is the demand of the global ISE Accessories and Electrodes market?
3. What is the year over year growth of the global ISE Accessories and Electrodes market?
4. What is the production and production value of the global ISE Accessories and Electrodes market?
5. Who are the key producers in the global ISE Accessories and Electrodes market?
6. What are the growth factors driving the market demand?

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