

2017-2025 World X-ray Photoelectron Spectroscopy (XPS) Market Research Report (by Product Type, End-User/Application and Regions/Countries)

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Abstracts

SUMMARY

X-ray photoelectron spectroscopy (XPS) is a surface-sensitive quantitative spectroscopic technique that measures the elemental composition at the parts per thousand range, empirical formula, chemical state and electronic state of the elements that exist within a material. XPS spectra are obtained by irradiating a material with a beam of X-rays while simultaneously measuring the kinetic energy and number of electrons that escape from the top 0 to 10 nm of the material being analyzed. XPS requires high vacuum ($P \sim 10^{-8}$ millibar) or ultra-high vacuum (UHV; $P \sim 10^{-10}$ millibar). This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for X-ray Photoelectron Spectroscopy (XPS), covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

X-ray Photoelectron Spectroscopy (XPS) market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Usage Type

Element Detection

Contamination Detection

Density Estimation

Empirical formula Determination

By End-User / Application

Biomedicine

Chemical

Material

Electronic

Others

By Company

Kratos Analytical

ThermoFisher Scientific

ULVAC

Scienta Omicron

JEOL

ReVera Incorporated

VSW

STAIB Instruments

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