

Global and China X-ray Photoelectron Spectroscopy (XPS) Market Research by Company, Type & Application 2013-2025

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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 ($P \sim 10.8 \text{ millibar}$) or ultra-high vacuum (UHV; $P \sim 10.8 \text{ millibar}$) or ultra-high vacuum (UHV)

By Type

Element Detection

Contamination Detection

Density Estimation

Empirical formula Determination

By Application

Biomedicine



Chemical

| N | Material | |
|---|-------------------------|--|
| Е | Electronic | |
| (| Others | |
| | | |
| By Company | | |
| ŀ | Kratos Analytical | |
| 7 | ThermoFisher Scientific | |
| ι | JLVAC | |
| 5 | Scienta Omicron | |
| J | JEOL | |
| F | ReVera Incorporated | |
| \ | VSW | |
| S | STAIB Instruments | |
| The main contents of the report including: | | |
| Section | 1: | |
| Product definition, type and application, global and China market overview; | | |
| Section 2: | | |
| Global and China Market competition by company; Section 3: | | |
| Global and China sales revenue, volume and price by Usage Type; | | |
| Section 4: | | |
| Global and China sales revenue, volume and price by application; | | |

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Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

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Industry chain and raw materials;

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