



# **GOLD & PRECIOUS METAL ANALYZER AND EDX SPECTROMETER**

**QualiEDX600**

# Gold & Precious Metal Analyzer and EDX Spectrometer

## QualiEDX600

The QualiEDX600 Gold & Precious Metal Analyzer and EDX Spectrometer combines cutting-edge technology with extensive expertise in metal detection.

Designed for precise compositional analysis, it features a distinctive configuration, comprehensive testing software, and an intuitive user interface, streamlining the entire detection process.

With a reliable proportional counter as its detector, the QualiEDX600 delivers accurate and efficient analysis of precious metals, all while maintaining a competitive cost.

Its modern design and ergonomic structure ensure ease of use and convenience, making it an excellent choice for industries focused on accurate metal evaluation.





## FEATURES/ADVANTAGES

The QualiEDX600 is engineered to deliver precision and efficiency in metal analysis, equipped with advanced technology for exceptional performance. Its standout features include:

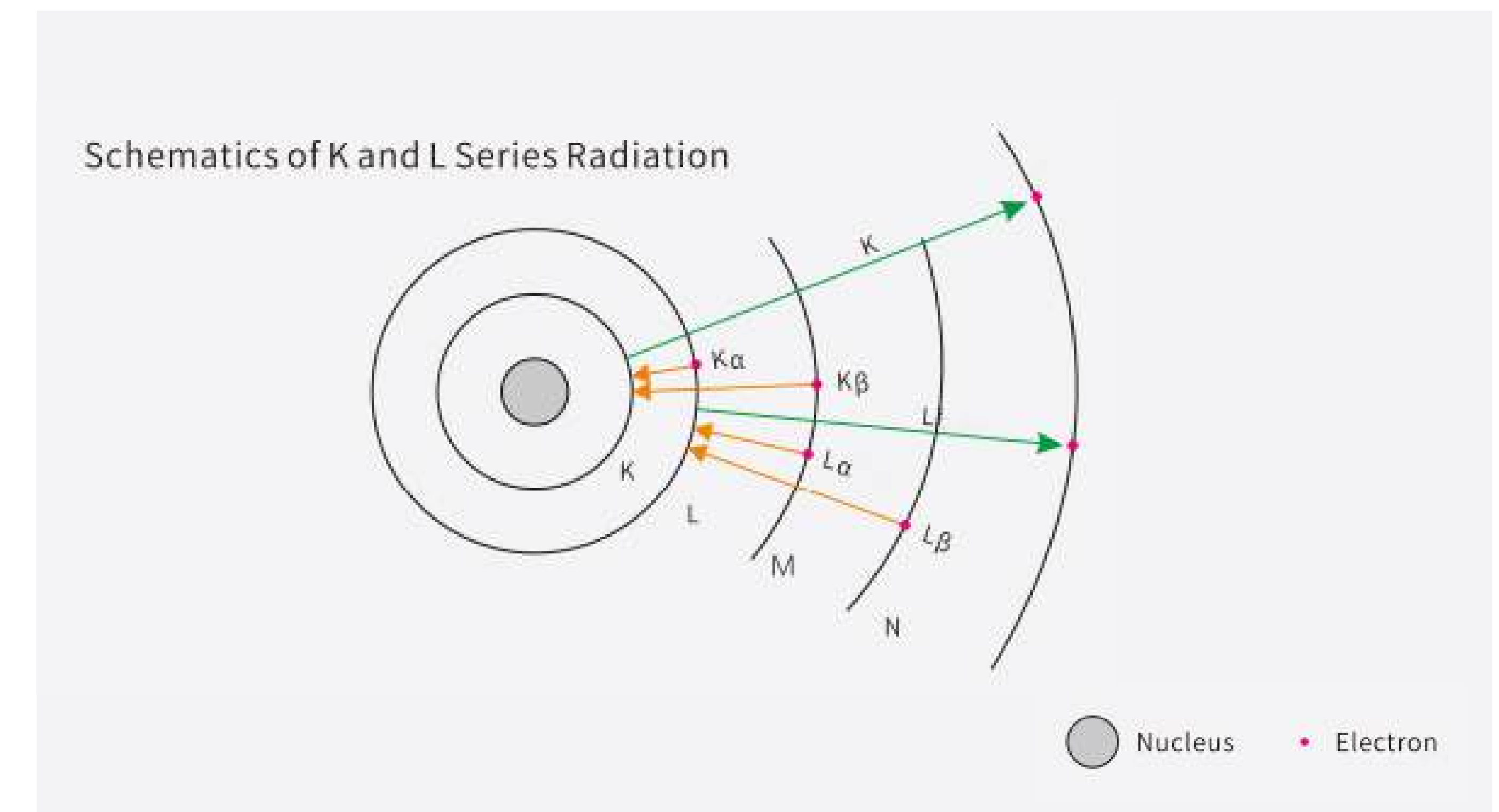
- **Flexible Analysis Models:** Offers adaptable analysis and identification options to cater to diverse testing needs.
- **Matrix Effect Correction:** Independent correction mechanism enhances the accuracy of results, ensuring reliability across different sample types.
- **Advanced Data Processing:** Utilizes multi-variable non-linear regression for precise and comprehensive data interpretation.

## STANDARD CONFIGURATIONS

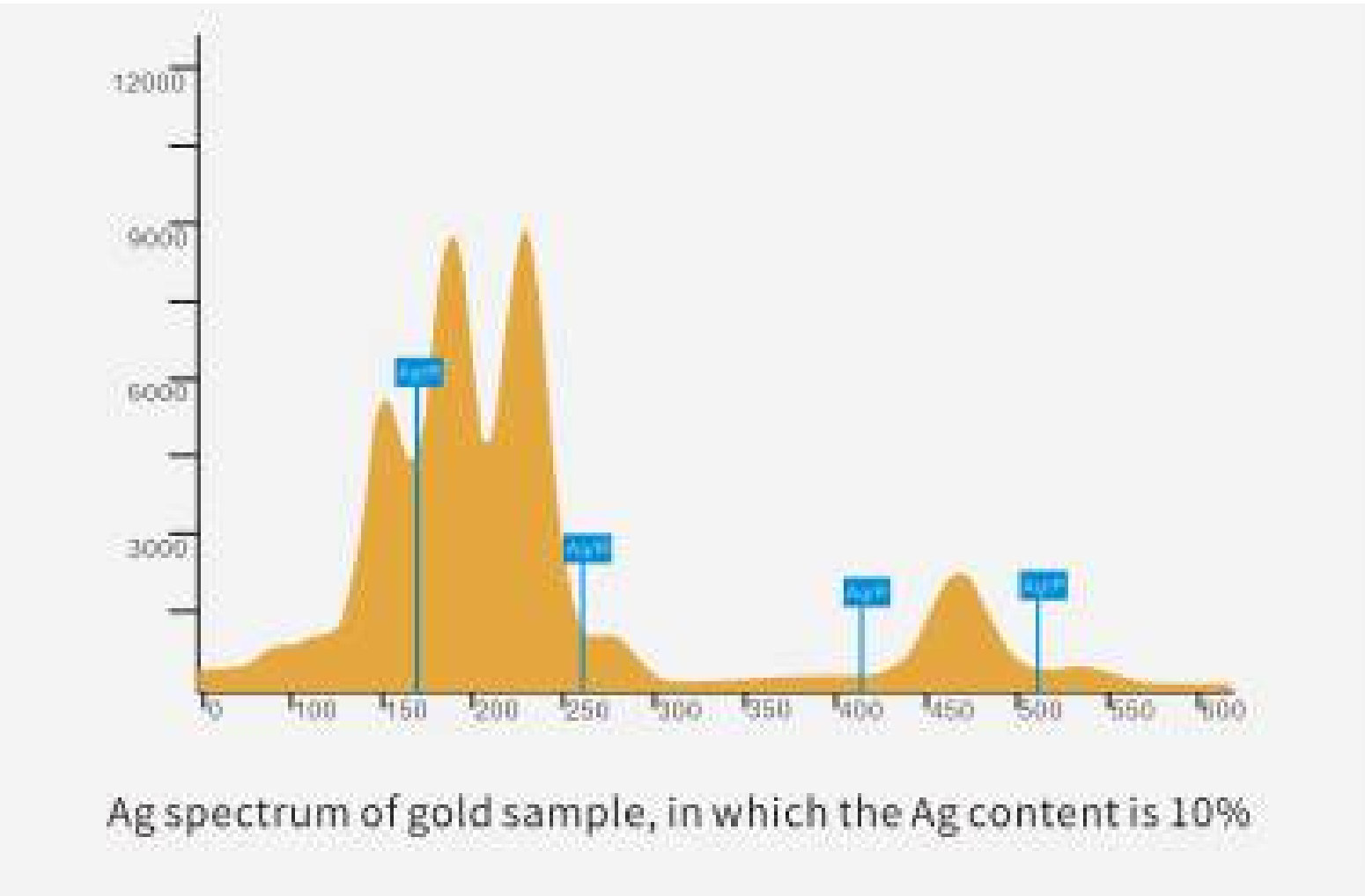
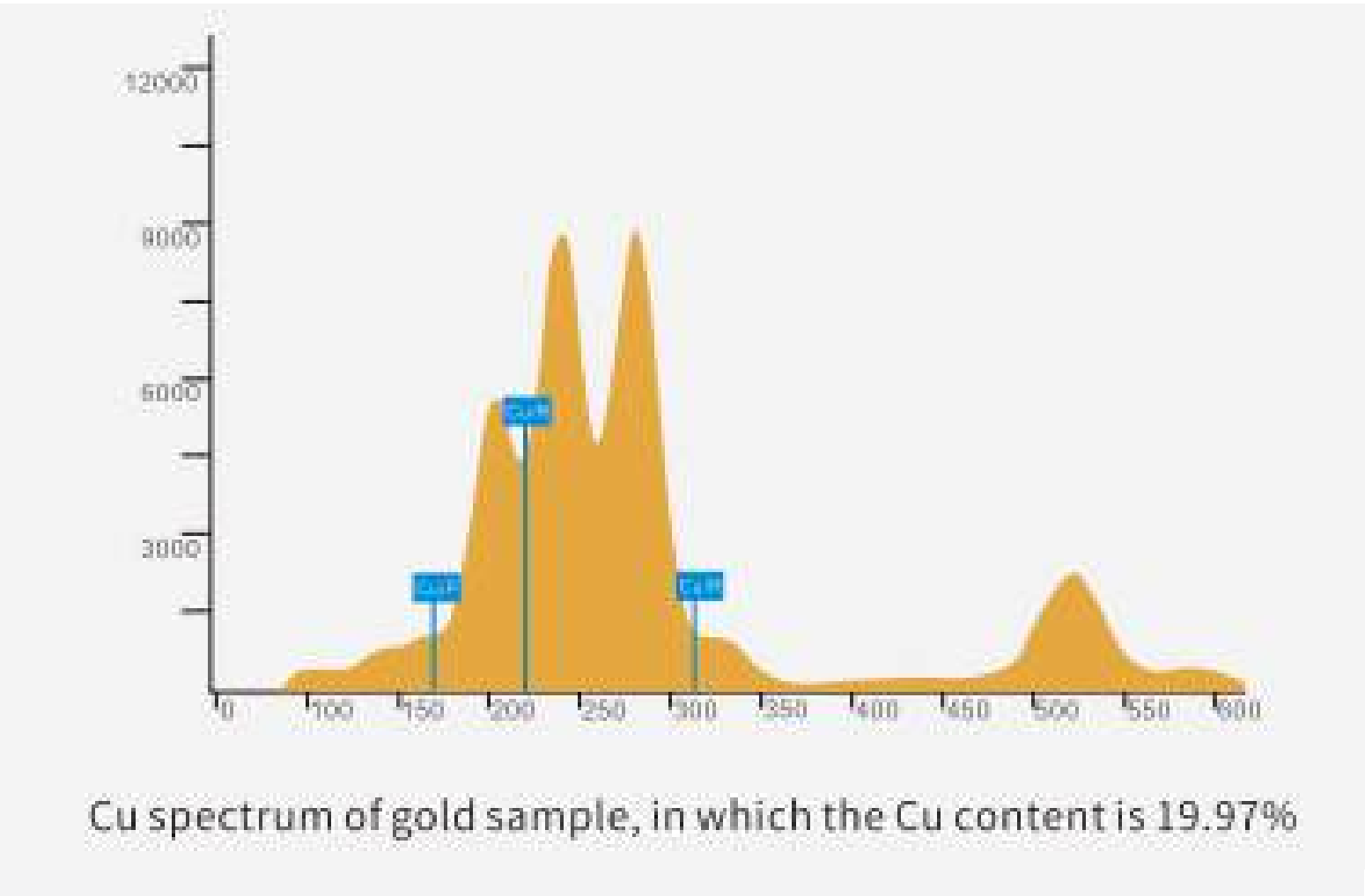
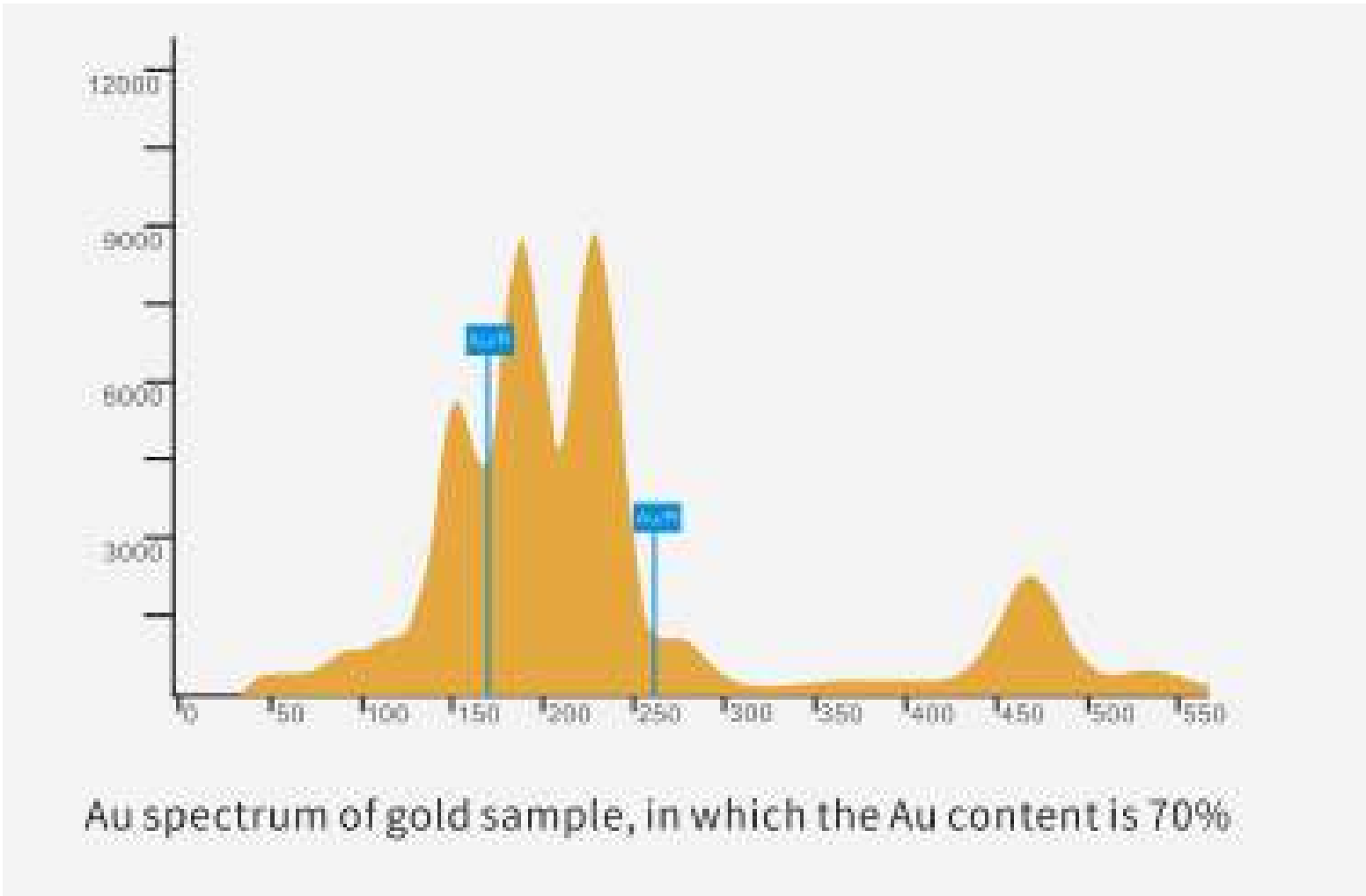
- Single-sample chamber with a proportional counter X-ray tube.
- Advanced signal detection electronics.
- High and low-voltage power supply for reliable operation.

## PRINCIPLE OF X-RAY FLUORESCENCE EXCITATION

In the QualiEDX600, test samples are exposed to X-rays produced by an X-ray tube. When irradiated, atoms in the sample emit X-ray fluorescence with distinct energy signatures. These unique energies enable the precise identification of elements and the determination of their concentrations.



# PRECIOUS METAL TESTING EXAMPLE SPECTRUM



## TECHNICAL SPECIFICATIONS

Specifications	Details
Elements	K-U
Type of Objects	Solid, Liquid, Powder
Analytical Content	0.01% - 99.99%
Instrument Dimension	500 x 397 x 394 mm
Sample Chamber Size	260 x 306 x 98 mm
Weight	33 kg (73 lb)





USA | CANADA | UAE | GCC | EU | ASIA | AFRICA | LATIN AMERICA

## Connect with us

Contact our **QualiTeam** today to find out how we can help your organization **select the most suitable testing solution** for your application, requirements, and budget.

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