



GOLD & PRECIOUS METAL ANALYZER AND EDX SPECTROMETER

QualiEDX600

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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:

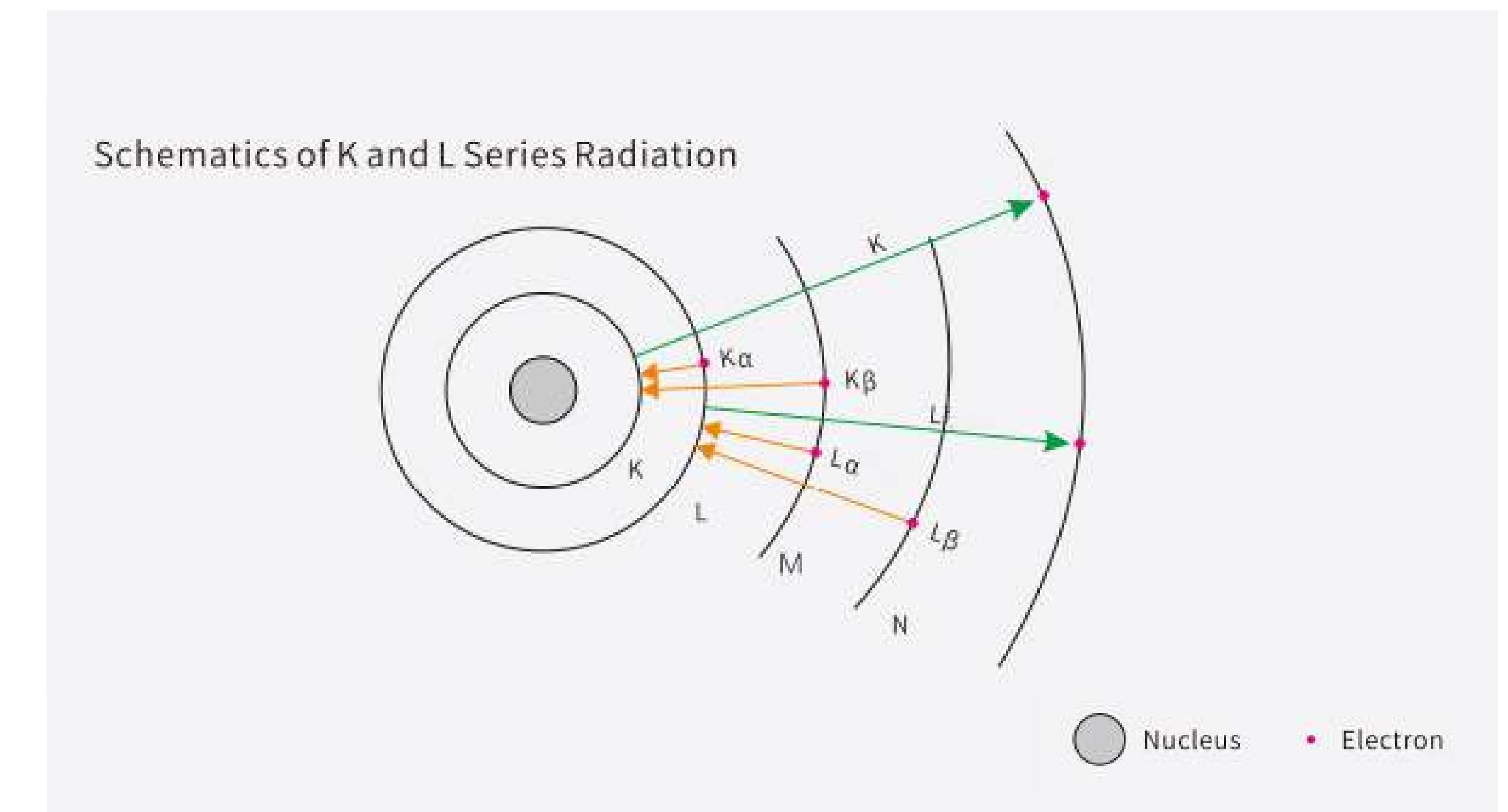
- **Flexible Analysis Models:** Offers adaptable analysis and identification options to cater to diverse testing needs.
- **Matrix Effect Correction:** Independent correction mechanism enhances the accuracy of results, ensuring reliability across different sample types.
- **Advanced Data Processing:**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

STANDARD CONFIGURATIONS

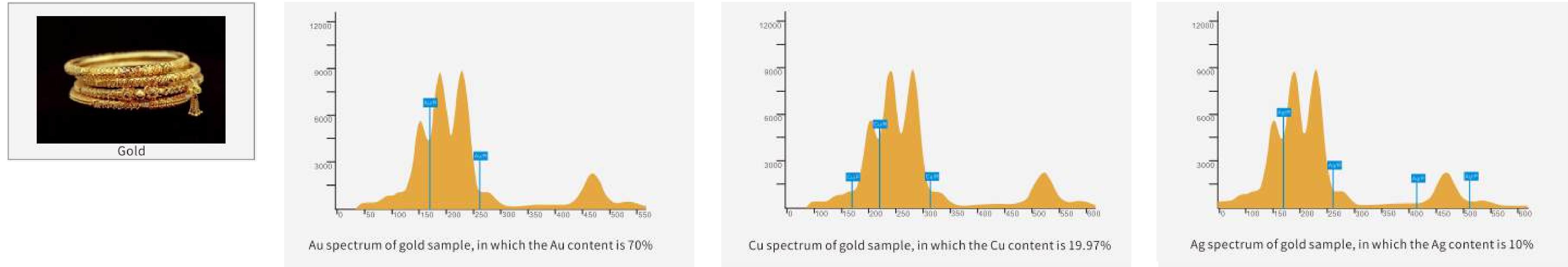
- Single-sample chamber with a proportional counter X-ray tube.
- Advanced signal detection electronics.
- High and low-voltage power supply for reliable operation.

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)



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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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