

Another Powerful Precious Metals Analyzer of Skyray !

TO BE A WORLD-LEADING ANALYTICAL TESTING SOLUTIONS PROVIDER !



| Accurate | Rapid | Non-destructive |

Easy Content Detection of Iridium and Gold in Platinum



- Super high precision, utmost performance
- Super high resolution, ranking the first class
- Super CMOS HD camera, precise positioning
- One-key intelligent operation

EDX 3000 PLUS

NEW TYPE XRF PRECIOUS METALS ANALYZER

- Jiangsu Skyray Instrument Co., Ltd. is a Hi-tech corporation with proprietary intellectual property.
- Our corporation specializes in R&D, manufacturing, sales and services of analytical and measuring instruments in Spectroscopy, chromatography and Mass Spectrometry fields.
- Full product range, provide solutions for environmental protection and safety, industrial testing and analysis, and other fields.
- Our biggest strength is providing tailor-made solutions according to customer's needs.
- We have above 148 distributors and after-service stations throughout the world.
- Skyray Instrument announced its initial public offering in Growth Enterprise Market, Shenzhen Stock Exchange on January 25th, 2011.(stock code: 300165)

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Test data in this manual, if not noted, is our company's test data.
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EDX 3000 PLUS

New XRF Precious Metals Analyzer



Skyray's New XRF Precious Metals Analyzer- EDX 3000 PLUS is especially good at content testing of gold, silver, platinum, palladium and other precious metals. Equipped with 25mm² beryllium window detector, it is capable of accurate content testing of gold, silver, platinum, palladium, copper, zinc, and nickel in gold, platinum, and gold ornaments. The testing results fully conform to the international GB/T 18043-2000 requirements.

Gold relies on weight, and instrument relies on precision. EDX 3000 PLUS's most obvious features are outstanding high precision, high resolution, HD camera. One-key intelligent operation, simplifies the testing of precious metals.

Gold Relies on Weight | Instrument Relies on Precision

01 Super high resolution, ranking the first class

Equipped with the best silicon drift detector (SDD), the instrument, with the resolution of 139±5eV, compared to the common Si-PIN detector resolution of 160±5eV, can better test the content of iridium and gold in platinum.

02 Super high precision, upmost performance

Equipped with 25mm² beryllium window detector, it greatly enhances the sample's receiving ability of X-ray fluorescence. With digital multi-channel analysis technology, it improves the analytical speed and integral processing ability. Its counting rate accounts to 80,000, increasing by 5 to 10 times as compared to common Si-PIN 6mm² detector and its precision improves by 2 to 4 times.

03 Super CMOS HD camera, precise positioning

Super CMOS HD camera, providing more clear images and achieving precise positioning.

04 One-key intelligent operation

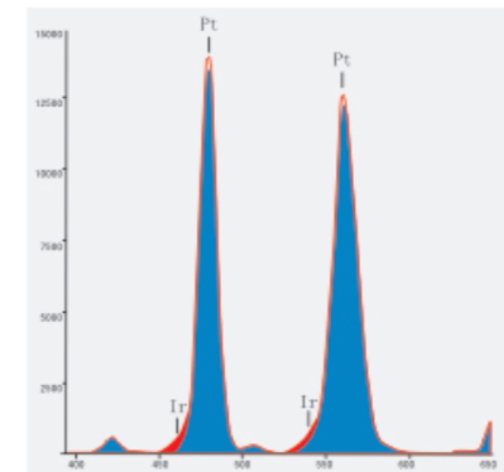
Fully application of basic parameters method, it only needs one-key for matching the curves.



Application Fields

Content testing of gold, platinum, silver and other precious metals in various kinds of ornaments

Precious metals mainly refer to gold, silver and platinum family (Ruthenium, rhodium, palladium, osmium, tetroxide, iridium, platinum).



Easy Testing for Precious Metals!



EDX 3000 PLUS New XRF Precious Metals Analyzer
5% Iridium Content in Platinum (The red areas)

Technical Specifications

- Multi-optional analysis and identification models
- Measurable range: S to U
- Long-term working stability: 0.05% (content ≥ 96%)
- Ambient temperature: 15℃ to 30℃
- Power input: AC 220V±5V (equipped with purified stabilized voltage power supply is recommended)
- Energy resolution: 139±5eV
- Sample chamber dimension: 439mm×300mm×96mm
- Instrument dimension: 550mm×410mm×320mm
- Weight: 45kg

Configurations

- Mobile sample platform
- Signal-to-Noise Enhancer
- SDD Detector
- Digital multi-channel analysis system
- High & low voltage power supply
- Big power X-ray light tube

