

TO BE A WORLD-LEADING ANALYTICAL TESTING SOLUTIONS PROVIDER !

| Accurate | Rapid | Non-destructive |

First Chinese Analysis Instrument Listed Enterprise



EDX 3000
X-ray Fluorescence Spectrometer

- 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 Small and Medium Enterprise Board, Shenzhen Stock Exchange on January 25th, 2011. (Stock code: 300165)

99 Countries & regions are using Skyray Instrument up to now

Hotline: 800-9993-800
400-7102-888

China Jiangsu Skyray Instrument Co., Ltd.

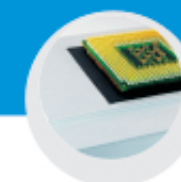
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Test data in this manual, if not noted, is our company's test data.
All information in this manual is for reference only, which is subject to any change without notice.

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ISO9001:2008—International Quality Certification System Is Implemented

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Advanced features:

- Electro-cooling Si-Pin semiconductor detector instead of liquid nitrogen cooling detector
- Specially developed professional software, with friendly interface
- Free choice of filters and auto switch of collimators
- Multi-variant non-linear regression procedure; independent matrix effect correction model
- Triple safety protection mode; steel structure; elegant and fashionable
- Manually open and close sample chamber, safe and convenient
- Skyray patent product-Signal-to-Noise Enhancer (SNE), greatly improving the stability and accuracy of the measurement
- In-built high resolution camera, convenient for users to analyze samples at any moment

Specifications:

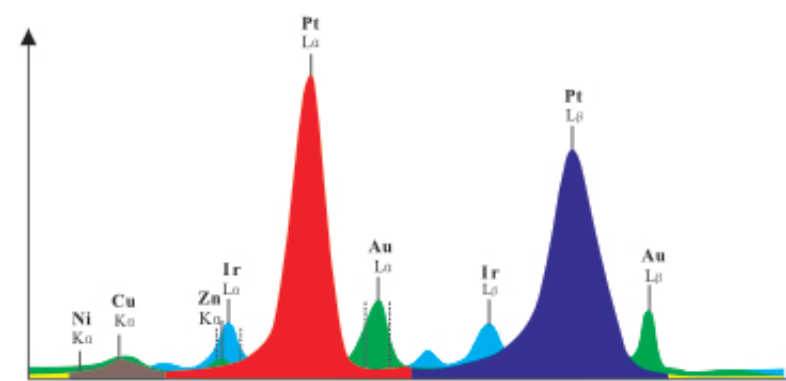
Model : EDX 3000
 Measurable elements: potassium(K) ~ uranium(U)
 Acceptable sample type: powder, solid and liquid
 Working voltage: AC 110V/220V
 (AC purified stabilized voltage power supply is recommended)
 Simultaneous analysis ability : maximum 24 elements
 Energy Resolution: $(149 \pm 5)eV$

Analysis accuracy: 0.05% (above 96%)
 Tube voltage: 5kV ~ 50kV
 Tube current: 50 μ A ~ 1000 μ A
 Test time: 60s ~ 200s
 Ambient temperature: 15°C ~ 30°C
 Ambient humidity: 35% ~ 70%

Basic configurations:

High voltage supply, X-ray tube, Amplifier circuit, Si-PIN semi-conductor detector, Multi-channel analyzer, Air atmosphere sample chamber

Measurement example:

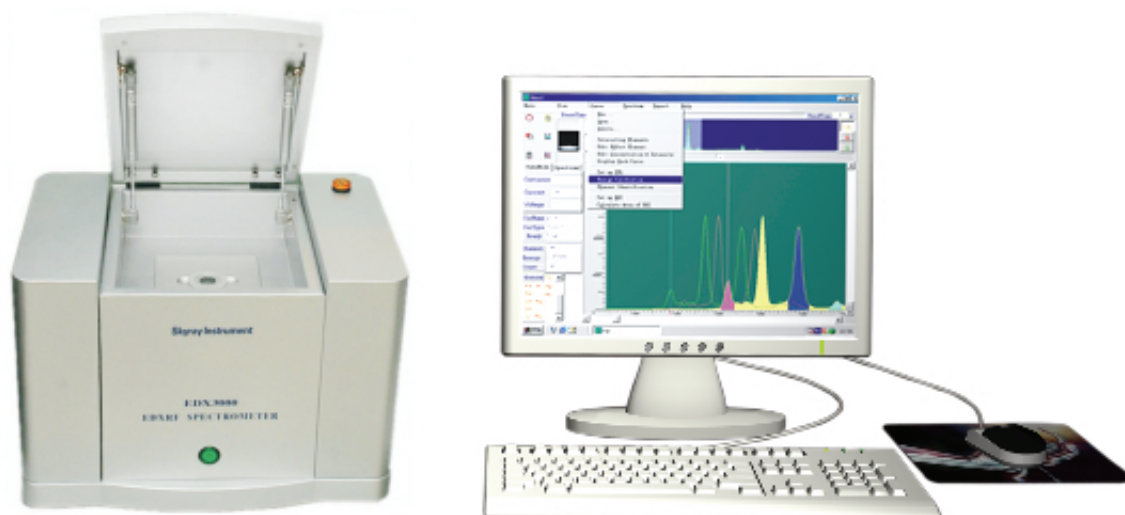


Spectrum of Platinum Jewelry

Element	Content (%)	Element	Content (%)
Cr	0.001	Fe	0.001
Ru	2.011	Ni	0.218
Rh	1.191	Co	0.011
Pd	10.125	Cu	0.207
Ag	0.781	Zn	0.221
Ir	3.104	Au	2.302
Pt	77.816	In	2.011

EDX3000

Professional Full Precious Metals Analyzer



Widely applied in elemental analysis of precious metal bearing materials like gold jewelries, bullions, ingots, scraps, etc.