

EDX 3000

X-ray Fluorescence Spectrometer



**Precision Instruments
Made in Skyray**



To Demonstrate the Beauty of Precious Metals Analysis to YOU

EDX 3000

Application Fields:

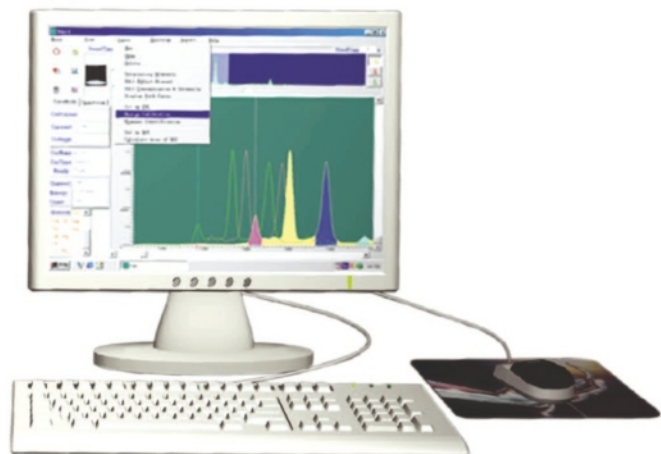
- Electronic & Electric Appliances
- Ornaments Processing
- Electro-plating Industry

Performance:

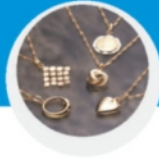
- Electro-cooling Si-Pin semiconductor detector instead of liquid nitrogen cooling detector
- Specially developed professional software, with friendly interface
- Free choice of filters and auto switch of collimators
- Multi-variant non-linear regression procedure; independent matrix effect correction 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

EDX 3000

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**Widely applied to: electronic & electric appliances , ornaments
processing,electro-plating industry and so on.**



■ Specifications:

Model: EDX3000

Measurable elements: K to U

Forms of samples: powder, solid and liquid

Working voltage: AC 110V/220V

(AC purified stabilized voltage power supply is suggested)

Ability of simultaneous analysis: 24 elements

Energy Resolution: (155 ± 5) eV

Analysis accuracy: 0.05% (above 96%)

Analysis range: 1ppm-99.99%

Tube voltage: 5kV-50kV

Tube current: 50 μ A-1000 μ A

Ambient temperature: 15°C-30°C

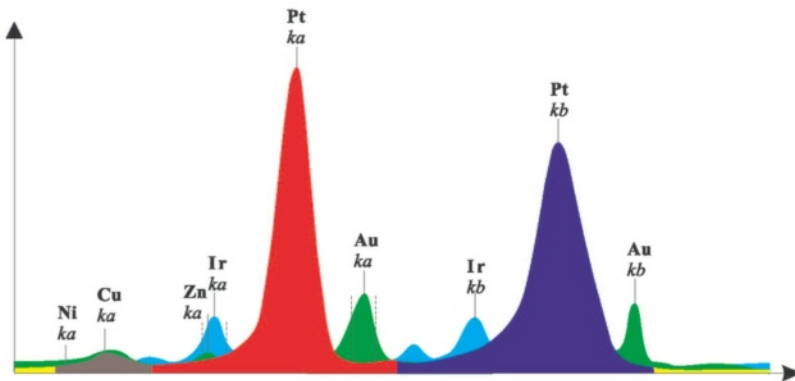
Measurement time: 60s-300s

Ambient humidity: 35%-70%

■ Excellent configurations:

Single Sample Chamber, Amplifier Circuit, Si-PIN Semiconductor Detector, High and Low Voltage Power Supplies, X-ray Tube, Non-vacuum Chamber,

■ Measurement Example:



Spectrum of Recovered Pt



Element	Content (%)	Element	Content (%)
Cr	0.001	Fe	0.001
Ru	2.011	Ni	0.218
Rh	13.25	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

Optech Solutions



Skyray - We Only Make Precision Instruments
Spectroscopy - Chromatography - Mass Spectroscopy

Optech Solutions

Riverside Court, Beaufort Park, Chepstow NP16 5UH, UK

Tel: +44 (0)1291 418148

Website: www.optechsolutions.co.uk

E-mail: info@optechsolutions.co.uk