



EDX 3000

X-ray Fluorescence Spectrometer



Skyray Instrument Inc.
50 Braintree Hill Park, Suite 201,
Braintree, MA USA 02184
Tel: 617.202.3879 Fax: 781.519.4766
Website: www.skyrayinstrument.com



**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

To Demonstrate the Beauty of Precious Metals Analysis to YOU



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

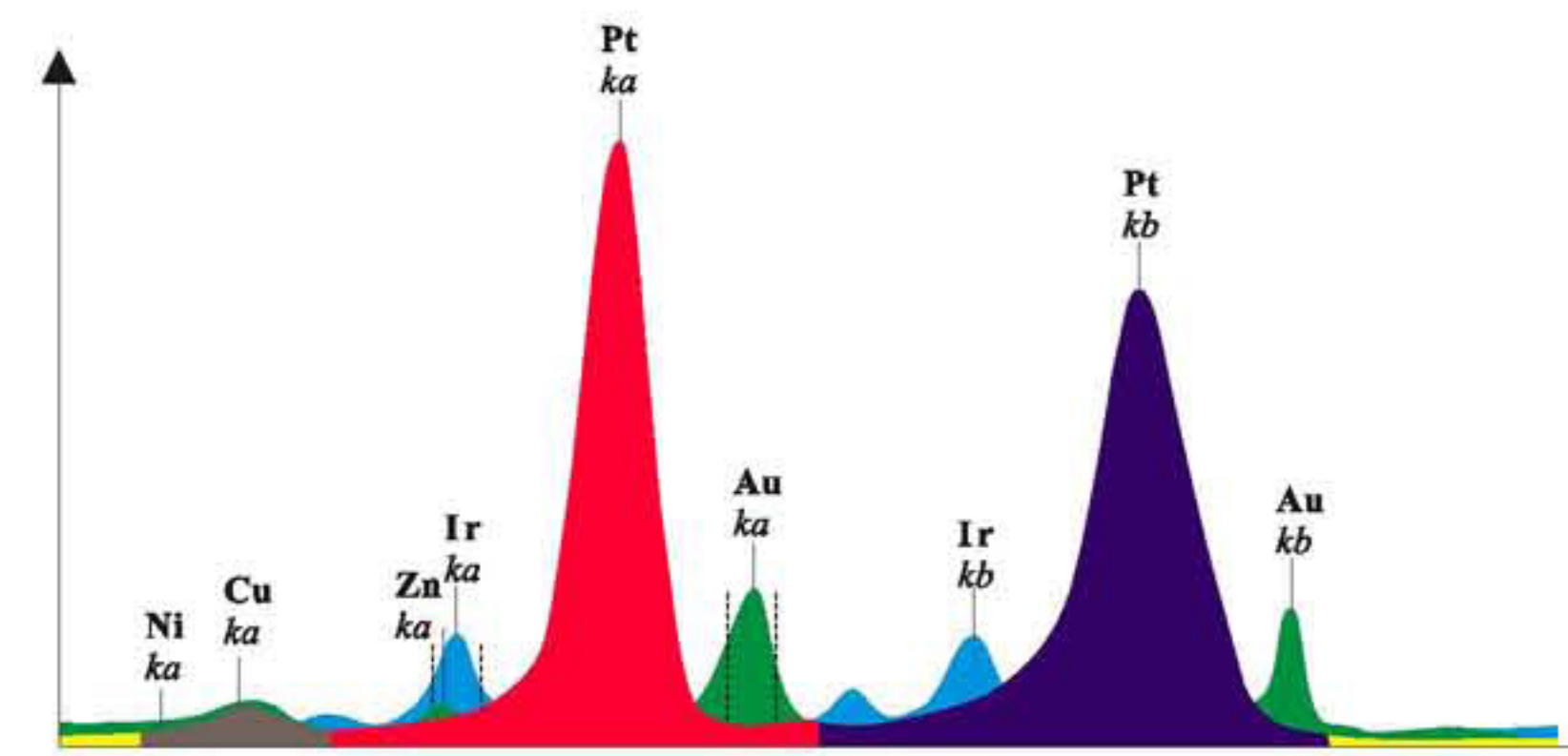
Specifications:

Model: EDX3000	Analysis accuracy: 0.05% (above 96%)
Measurable elements: K to U	Analysis range: 1ppm-99.99%
Forms of samples: powder, solid and liquid	Tube voltage: 5kV-50kV
Working voltage: AC 110V/220V	Tube current: 50 μ A-1000 μ A
(AC purified stabilized voltage power supply is suggested)	Ambient temperature: 15°C-30°C
Ability of simultaneous analysis: 24 elements	Measurement time: 60s-300s
Energy Resolution: (155±5)eV	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, PC, Ink-jet Printer

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



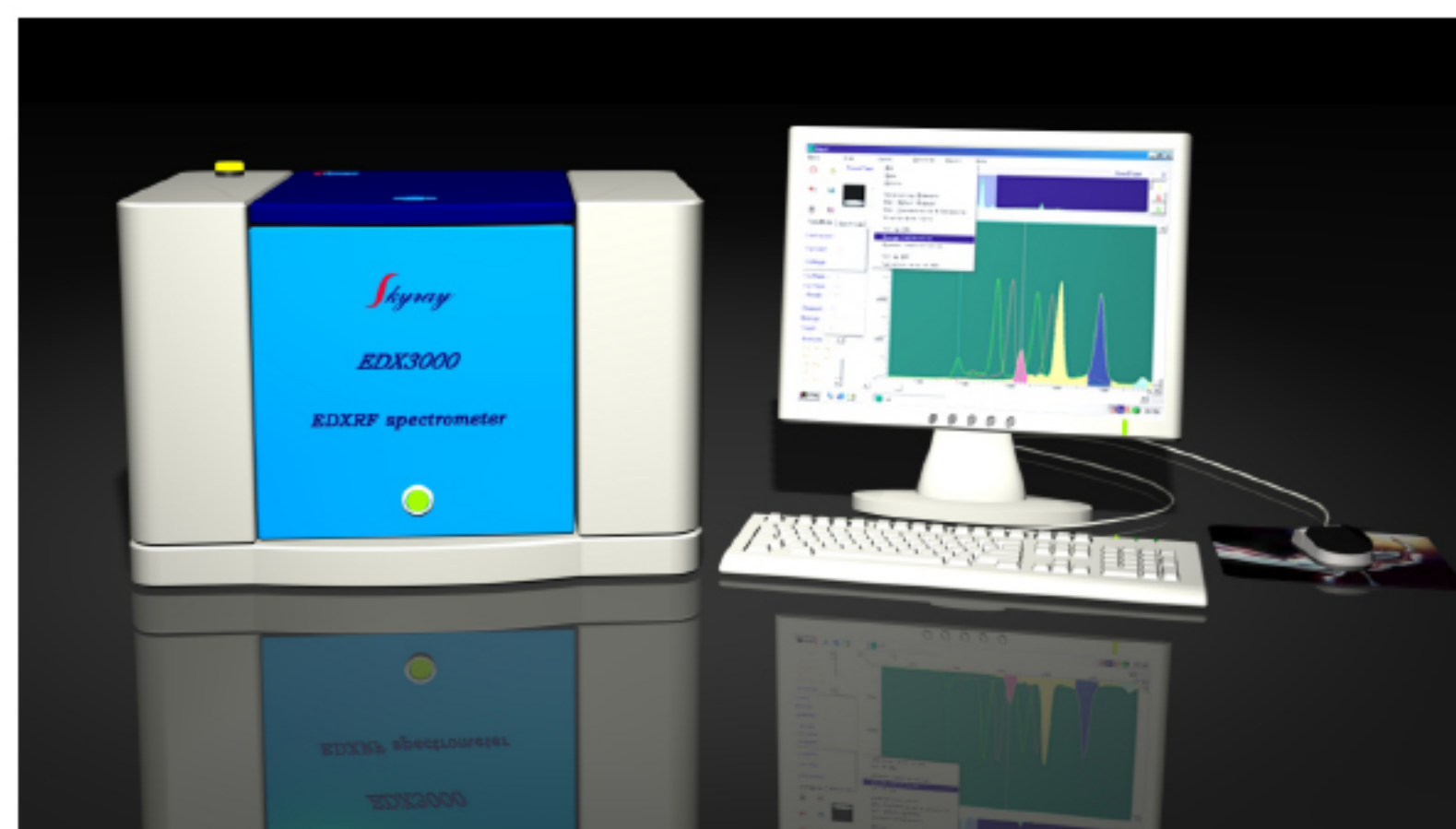
EDX 3000

Best detector in the world,
as same as the
detector on Mars Detection
Vehicle!



Specifications:

- Measurement Range:1PPM--99.99%
- Plating layer precision:0.05um
- Measurement time :60--300seconds
- Measurement substance:solid,powder,liquid
- precision :0.05%
- Analysis elements :from K to U
- Detector :pin diode semiconductor detector
- Relative humidity :<70%
- Weight :30kg
- power :AC 100V / 200V
- power wasting :200watt
- Configuration:
Single sample
pin diode semiconductor
amplifier
high voltage
X-ray tube



Perfect for Jewelry Analysis!

