



## EDX 3000 X-ray Fluorescence Spectrometer

*Skyray* Skyray Instrument

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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

شرکت ابزار طب

وارد کننده تجهیزات  
از آزمایشگاه - تجهیزات - علمی  
تاسیس ۱۳۶۲




تهران، خیابان مطهری، خیابان فجر، پلاک 38

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**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

**Specifications:**

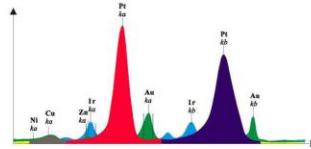
Model: EDX3000  
 Measurable elements: K to U  
 Forms of samples: powder, solid and liquid  
 Working voltage: AC 110V/220V  
 (AC purified stabilized voltage power supply is suggested)  
 Ability of simultaneous analysis: 24 elements  
 Energy Resolution: (155±5)eV

Analysis accuracy: 0.05% (above 96%)  
 Analysis range: 1ppm-99.99%  
 Tube voltage: 5KV-50KV  
 Tube current: 50 μA-1000 μA  
 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, 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

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



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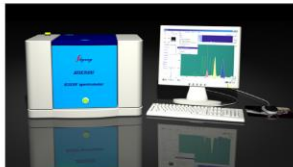
## EDX 3000

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!



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