

# EDX 3000

## X-ray Fluorescence Spectrometer



Precision Instruments  
Made in Skyray



To Demonstrate the Beauty of Precious Metals Analyser 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

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:  $(155 \pm 5)eV$

Analysis accuracy: 0.05% (above 96%)

Analysis range: 1ppm-99.99%

Tube voltage: 5kV-50kV

Tube current:  $50 \mu A$ - $1000 \mu A$

Ambient temperature:  $15^{\circ}C$ - $30^{\circ}C$

Measurement time: 60s-300s

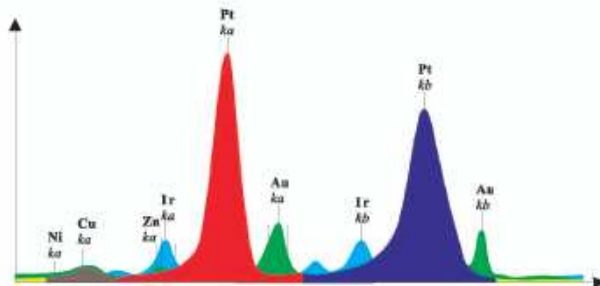
Ambient humidity: 35%-70%

### ■ 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

