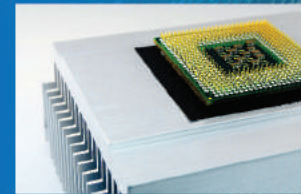


| Rapid | Accurate | Non-destructive |



EDX 3000X

X-ray Fluorescence Spectrometer

EDX 3000X

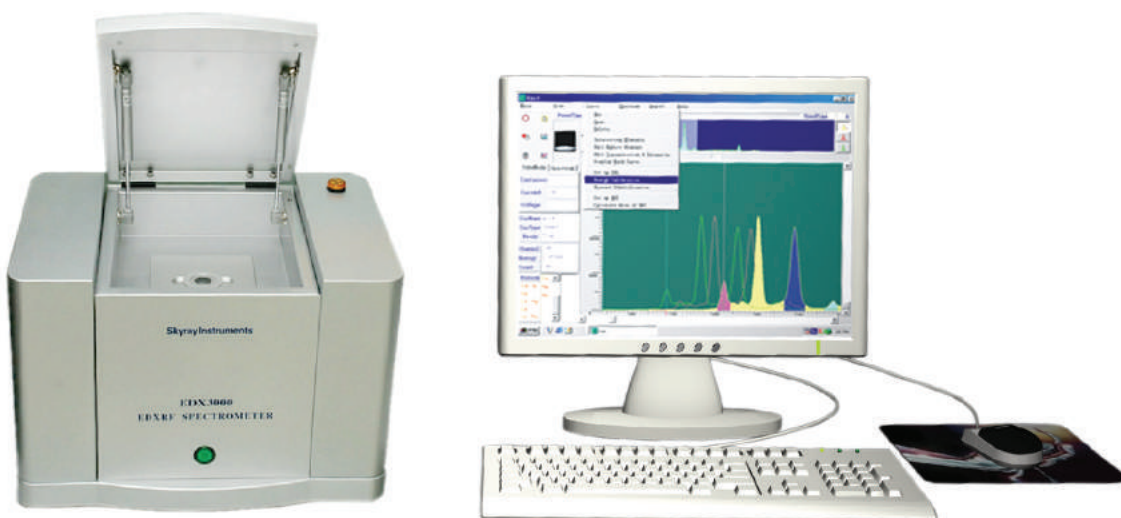
X-ray Fluorescence Spectrometer

EDX 3000X X-Ray Fluorescence Spectrometer is Skyray most popular model for Gold and Precious Metals analysis. Thanks to Electro-cooling Si-Pin semiconductor detector EDX3000X can achieve 0.1% accuracy with 30-60 seconds non-destructive analysis. Able to analyze up to 24 elements simultaneously in the range of Potassium(K)- Uranium(U).

Advance Features

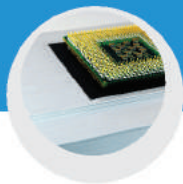
- Improved testing stability and accuracy with Signal to Noise Enhancer
- Rapid and accurate data processing with Digital Pulse Processor
- Accurate measurement without standard sample
- Karat weight and elemental identification
- Independent matrix effect correction
- Multi-variable non-linear regression
- Real-time display of high definition spectrum
- Built-In high resolution camera

Full Precious Metals Analysis with EDX 3000X



Application fields

Precise detection of Precious Metals for applications where highest accuracy is required Au, Ag, Pt, Pd, Cu, Zn, Ni and elements Potassium(K)- Uranium(U)



Specifications

Model : EDX 3000X

Measurable elements: potassium (K) - uranium (U)

Acceptable sample type: powder, solid and liquid

Working voltage: AC 110V/220V

Simultaneous analysis ability : maximum 24 elements

Energy Resolution: (149-±5) eV

Analysis accuracy: 0.05% (content above 96%)

Tube voltage: 5kV-50kV

Tube current: 50 mA-1000 mA

Test time: 30s - 200s

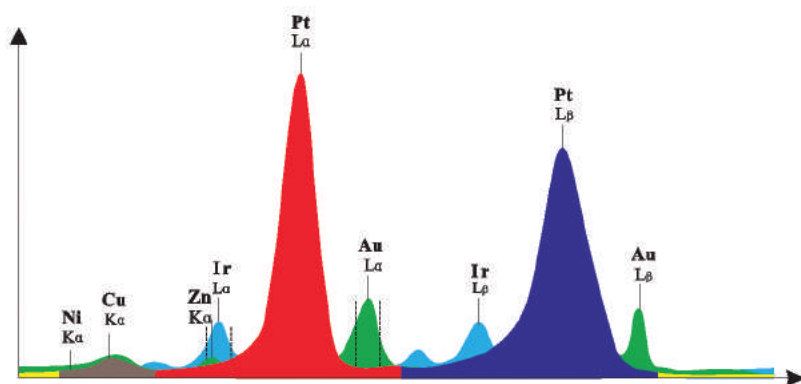
Ambient temperature: 15°C - 30°C

Ambient humidity: 35% - 70%

Basic Configuration

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

Measurent example



Platinum Spectrum

Test time: 30 seconds



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

Skyray Instruments



Skyray Instruments USA, Inc
1717 N. Akard Street, Ste 2520
Dallas, Texas, 75201 USA

+1 972 638 9035
www.skyrayinstruments.com
sales@skyrayinstruments.com

• Spectroscopy • Chromatography • Mass Spectrometry

Skyray Instruments specializes in the R&D, manufacturing and sales of analytical and measuring instruments in Spectroscopy, Chromatography and Mass Spectroscopy fields. Our Products include X-ray Fluorescence Spectrometry, Atomic Absorption Spectrometry, Gas Chromatography, Inductively Coupled Plasma Spectrometry, Mass Spectrometry and many others

Skyray has been providing customers around the world with reliable and affordable Scientific Instruments for more than 20 years