Precision Instruments

Skyray Elaborates

SKYRAY INSTRUMENT

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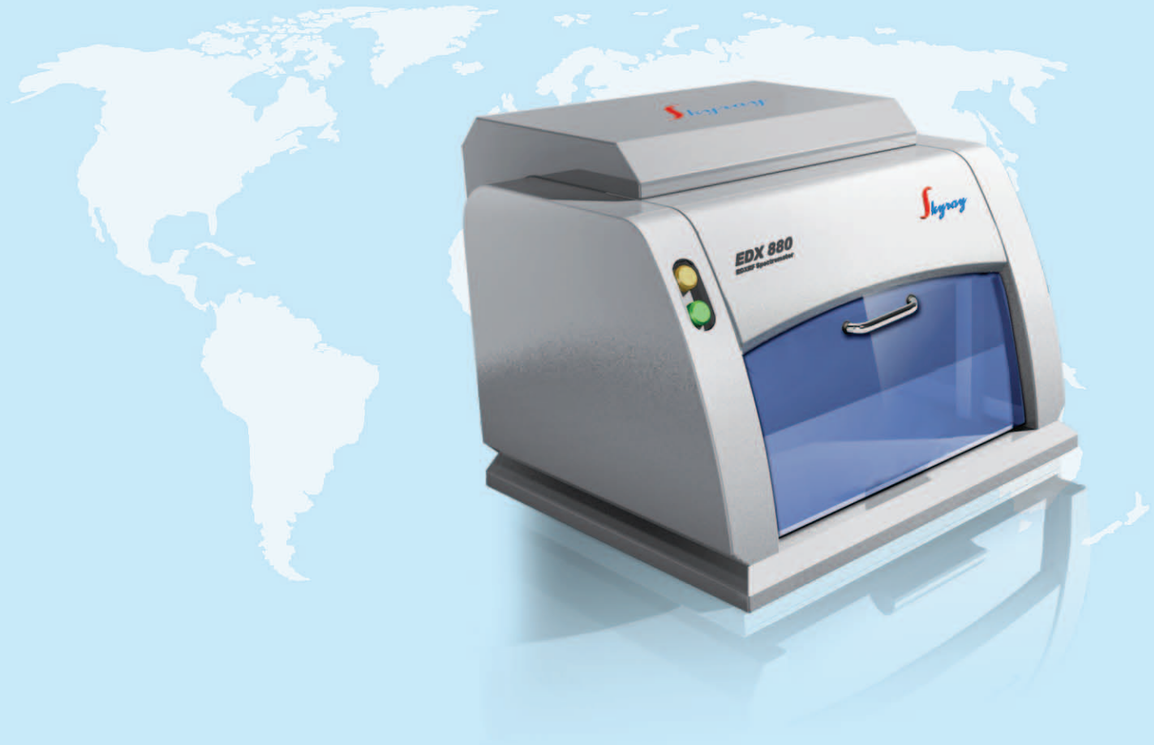
Skyray Skyray Instrument

New Product

EDX 880 Universal Precious Metals Analyzer



www.skyray-instrument.com

Product Introduction

EDX 880, a specialized precious metals tester, is capable of measuring inner walls of the jewelries and other irregular samples.

Its features are:

- Manual lift platform for measuring samples at different heights
- Multiple sample holding ways (universal sample clamp, plasticine, sample plate) for holding samples of different shapes
- Top lightening structure makes it easy to change the collimators
- The diameter of the collimator is as small as 1mm, making it possible to measure the micro area
- Large window proportional counter, meeting the requirements of different applications
- Large sample chamber for measuring large samples
- Laser positioning of CCD permitting visualized observation and fast positioning of samples
- Good radiation shielding capability protects the operators

Small and light

Curved line design

Transparent glass cover

EDX880 NEW Precious Metals Analyzer

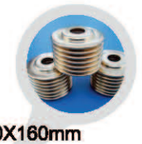
Added inner wall test and micro area test functions
Universal sample clamp
Lift platform
Glass cover
With small collimating aperture, the machine can test micro area
Laser positioning CCD

Best

Technical specifications

Measurable elements: Au, Ag, Pt, Pd, etc.
Analysis range: 1ppm to 99.9%
Arbitrary optional analysis and identification models
Independent matrix effect correction models
Multi-variable non-linear regression procedure
Repeatability: 0.1%
Stability: ±0.1%
Power supply: AC 220V±5V

Measurement time: 60-200s
Tube voltage: 5-50KV
Tube current: 50-1000μA
Ambient temperature: 5℃-30℃
Dimension: 450X450X360mm
Weight: 39kg
Super large sample chamber: 300X250X160mm



Application fields

Precious metals Au, Ag, Pt, Pd, etc.
Fields requiring analysis of precious metals by X-ray Fluorescence Spectrometry
Jewelry stores and other places

Core Technologies

- Large power X-ray tube
- Super large window proportional counter
- Curved design, elegant and eye-catching
- Large sample chamber houses large samples
- Multiple sample holding ways (universal sample clamp, sample plate, plasticine), offering common tests, inner wall tests and irregular samples tests
- Manual lift platform offers tests of samples of different thicknesses
- Small collimator enables the test of micro area
- Laser positioning CCD positions the test spot visually and accurately. The laser automatically stops when the measurement starts, which helps taking clearer pictures.
- Good radiation shielding capability guarantees the safety of the operators
- The measurement can be observed through the transparent cover

Standard configurations

- Proportional counter
- 50W X-ray tube
- High voltage output 50Kv@1mA
- Laser positioning CCD
- High sensitive signal detection circuit
- Manual lift platform
- Universal sample clamp
- Plasticine
- Collimator with diameter of 1.0mm