

Overall protection for you through upper cover self-locking and high-voltage emergency locking.

Updated optical tube with excellent shielding function and **no radiation** from X-ray

Stable and reliable function; higher testing efficiency

can be realized through power up to **100W**;

▶ / **Jiangsu Skyray Instrument Co.,LTD.** \ ◀

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Skyray Instrument

EDX1800B X-ray fluorescence spectrometer

Rohs testing · Precious metal testing · Plating testing · Minerals full-element analysis

Test 75 kinds elements · 1ppm detection limit · Excellent repeatability:0.1%

Configuration:

Movable sample platform
Signal-to-Noise Enhancer (SNE)
Electric-cooling Si-PIN detector
Detect electronic circuit by signal
High and low voltage power supply
X-ray tube with heavy power
Computer and ink jet printer



The super human engineering button brings you new conception of comfortable.



The human engineering design of streamline guarantees your operation safety.



Overall protection for operators through upper cover self-locking and high-voltage emergency locking.



As to EDX1800 is widely applied in various fields, EDX1800B is specially designed according to the requirement for optimizing performance and improving safety. This instrument has advantages such as improving product reliability by adopting high-voltage power and X-ray tube of new generation; improving testing efficiency by using heavy power; providing overall protection for operators through upper cover self-locking and high-voltage emergency locking.

快速
精准
无损

Rapid
Precise
Non-destructive

Special characteristics of EDX1800B

- ◆ Down-lightening: Meet requirements for testing samples of different shapes;
- ◆ Collimator and filter: Electric switch of various collimators and filters can be applied in different testing ways;
- ◆ Movable platform: Platform with high precision can be moved by man; it is easy to locate testing point;
- ◆ Detector with high resolution: Improve analysis accuracy;
- ◆ High-voltage power supply and X-ray tube of new generation: Stable and reliable function; higher testing efficiency can be realized through power up to 100W;
- ◆ Safety: Updated optical tube with excellent shielding function and no radiation from X-ray; overall protection for operators through upper cover self-locking and high-voltage emergency locking.



EDX1800B technical specification

Measurable elements: S to U.
Detection limit reaches 1ppm.
Element content: 1ppm to 99.9%
Arbitrary optional analysis and identification models.
Independent matrix effect correction models.
Multi-variable non-linear regression procedure.
Excellent repeatability:0.1%
Long-time working stability:0.1%
Ambient temperature: 15℃ to 30℃
Power supply: AC 220V±5V, AC purified stabilized voltage power supply.



EDX1800B application field

- ◆ RoHS detection.
- ◆ Detection for concentration of golden, platinum, silver, other precious metals and various jewelries.
- ◆ Detection for plating thickness of metals, concentration of plating solution and plating.
- ◆ Full-element analysis for minerals and other resources.
- ◆ Mainly applied in RoHS directive industries, precious metals and jewelries processing industries; banks, jewelry shops and test institutes; electro plating industries.

