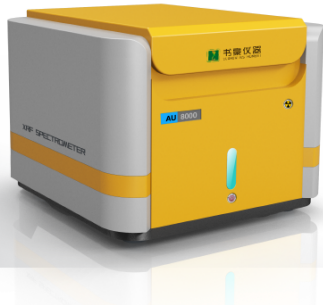


Fluorescence Spectrometer AU8000



高稳定 高性能 尺寸紧凑

PRODUCT INTRODUCTION

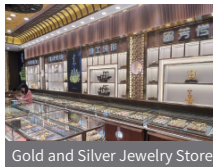
This product meets the requirements of the national standard GB/T18043-2013 for the resolution of the instrument, AU8000 adopts Si-Pin semiconductor detector, which is far better than the positive counting detector; it accurately and precisely analyzes the content of gold, silver, platinum, palladium, copper, zinc and nickel in gold, platinum and K-gold ornaments.

APPLICATION FIELD

Widely used in the detection of gold, silver, copper, zinc, nickel and other precious metals.



Quality control center



Gold and Silver Jewelry Store



Jewelry Processing Factory



Precious metal smelting



Pawnshop



Center for Analysis and Testing



Precious Metals Recycling



Auction house

PERFORMANCE CHARACTERISTICS

- Long-lasting stabilized light tubes
- Semiconductor silicon needle electric refrigeration system, abandoning liquid nitrogen refrigeration
- Built-in high-definition camera, convenient for users to observe the sample at any time
- Digital pulse processor for fast and accurate data processing
- Amplifier circuits, high and low voltage power supplies
- Single sample chamber, manually open and close the cover, safe and convenient operation
- Triple security protection mode
- Multivariate nonlinear regression program
- Corrective modeling of matrix effects independent of each other
- Specially developed application software with user-friendly interface

INSTRUMENT CONFIGURATION

- Si-PIN semiconductor detectors, digital multi-channel analysis systems, X-ray tubes, high and low voltage power supplies
- Collimator filter systems, sample observation systems, electronic control systems, computers and printers

TECHNICAL PARAMETER

Project	Data
Element measurement range:	S-U
Analytical Range:	99.99% purity in ppm
Simultaneous Analysis Elements:	Simultaneous analysis of 24 elements
Best Resolution:	149eV
Probe:	Silicon PIN Diode Detecto
Detection limit:	The detection limit of the analysis can reach the ppm level
Stability and repeatability:	0.05% (content above 96%)
Measure time:	60-200 seconds adjustable
Optical filter:	1 type of filter
Collimator:	1 type of collimator
Camera:	High-definition Industrial Camera
Ambient temperature:	15°C-30°C
Refrigeration method:	Electric cooling, no consumables needed
Object of measurement:	Powder, solid, liquid
Input voltage:	AC 220V±5V, Recommended to configure an AC purificati on and voltage stabilization power supply.