



Portable Precious Metal Analyzer

XF-A5



- AMPTEK customized Si-PIN
- Fast, precise and non-destructive precious metals testing
- Built-in industrial computer
- Active radiation protection



Features

- * Analysis elements: K(No.19) ~ U(No.92)
- * Up to 24 elements can be evaluated simultaneously
- * Analysis range: 0.01% ~ 99.99%
- * Accuracy: $\pm 0.05\%$
- * Test sample: solids /liquids/Powder
- * X-ray Tube overheating protection
- * High Voltage protection
- * Actual focal spot: $\phi 0.5\text{mm}$
- * Inbuilt industrial motherboard
- * Warm-up and anti interference procedure is controlled by the program, to reduce the interference by the reflected X-ray and the spectrums, to add the accuracy and stability.

Easy to operate
non-destructive analysis



One-key smart test
7 seconds can get intuitive results

Detects 20+ Elements
Precisely close to Fire Assay



Support online after-sales service, instantly resolve customer issues



Front



Specification

Input voltage	AC100 ~ 240V, 50Hz
Package size	560 x 530 x 510mmmm
Machine size	450 x 422 x 378mm
Sample chamber size	300 x 300 x 100mm
Rated power	<150W
Net/Gross weight	33/45KG
Detector	AMPTEK customized Si-PIN
Built-in industrial computer	Inbuilt Multi-point hand touch screen
HV power supply	50KV/1mA digital HV
X-ray tube	50KV/1mA
	Target material : wolfram
	Focus: ϕ 0.5mm
Collimator	ϕ 2.5mm
Noise	\leq 50dB
Temperature	15°C ~ 31°C
Humidity	<70% (Noncondensing)

Back



Application

- jewelry store
- Pawn
- Gold and silver COINS, collectors
- Jewelry factory
- Jewelry school
- Professional laboratory
- Quality inspection institutions
- Metal handicraft industry
- Precious metals smelting,
- Purification of precious metals,
- Precious metals recycling,
- Geoscientific prospecting
- Industry, rare metals
- Alloy material detection

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