



# Portable Precious Metal Analyzer

## XF-A6

شرکت ابزار طب  
راه توسعه تجهیزات  
پارسیان - تهران - عباس  
تاسیس ۱۳۶۳

تهران، خیابان مطهری، خیابان فجر، پلاک 38

021-88832100  
021-88321727  
021-88321728  
www.abzar.teb.com  
abzar.teb



- 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:  $\phi 5\text{mm}$
- \* 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.
- \* 9.7-inch build-in multi-touchscreen

Easy to operate  
non-destructive analysis



One-key test smart test  
7 seconds can get intuitive results

Detects 20+ Elements  
Precisely close to Fire Assay



Lead(Pb) glass to guarantee  
100% human safe



### Front



### Specification

Input voltage	AC100 ~ 240V, 50Hz
Package size	560 x 530 x 510mm
Machine size	312 x 480 x 310mm
Sample chamber size	300 x 240 x 110mm
Rated power	<150W
Net/Gross weight	22/35KG
Detector	AMPTEK customized Si-PIN
Built-in industrial computer	Industrial Integrated PC
HV power supply	50KV/1mA digital HV
X-ray tube	50KV/1mA
	Window material : glass window
	Target material : wolfram
	Focus : $\phi$ 0.5mm
Collimator	$\phi$ 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

شرکت ابزار طب

وارد کننده تجهیزات  
آزمایشگاهی - تحلیلی - علمی  
تاسیس ۱۳۶۳



تهران، خیابان مطهری، خیابان فجر، پلاک 38



021-88832100

021-88321727

021-88321728



www.abzarteb.com



abzar.teb