

Portable Precious Metal Analyzer

XF-P2



- Excellent XRF Analyzer for Gold Fineness Quality Control
- Customized Fast-SDD detector
- High precision detection $\pm 0.01\%$
- Smarter FP algorithm, fast and stable
- Intel I5 quad-core computer



Features

- * Analysis elements: K(No.19) ~ U(No.92)
- * Analysis range: 0.010%~99.999%
- * Accuracy: $\pm 0.01\%$
- * Test sample: solids /liquids/Powder
- * Actual focal spot: $\phi 0.5\text{mm}$
- * X-ray Tube overheating protection
- * High Voltage protection
- * 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



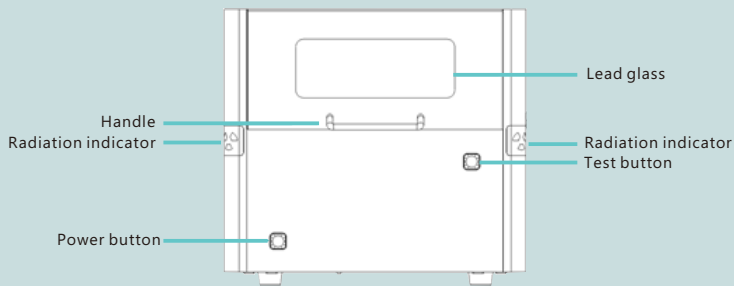
One key smart test
7 seconds can get intuitive results

Customized Fast-SDD detector, faster and more accurate



Support online after-sales service, instantly resolve customers issues

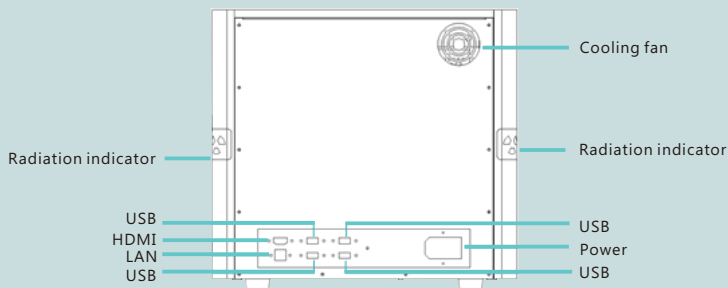
Front



Right



Back



Specification

Input voltage	AC100 ~ 240V, 50Hz
Package size	615 x 555 x 480mm
Machine size	500 x 400 x 368mm
Sample chamber size	380 x 320 x 155mm
Rated power	180W
Net/Gross weight	43KG/58KG
Detector	AMPTEK customized Fast-SDD
Built-in industrial computer	Intel i5 quad-core computer
HV power supply	50KV/1mA digital HV
X-ray tube	50KV/1mA
	Target material : wolfram
	Focus: ϕ 0.5mm
Collimator	ϕ 1.5mm
Noise	\leq 50dB
Temperature	15°C ~ 31°C
Humidity	<70% (Noncondensing)

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

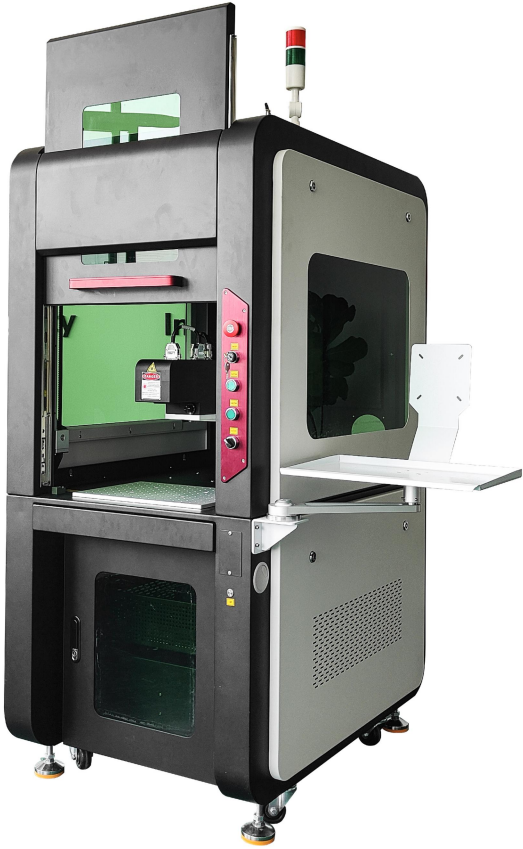
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CFAN Sales Center

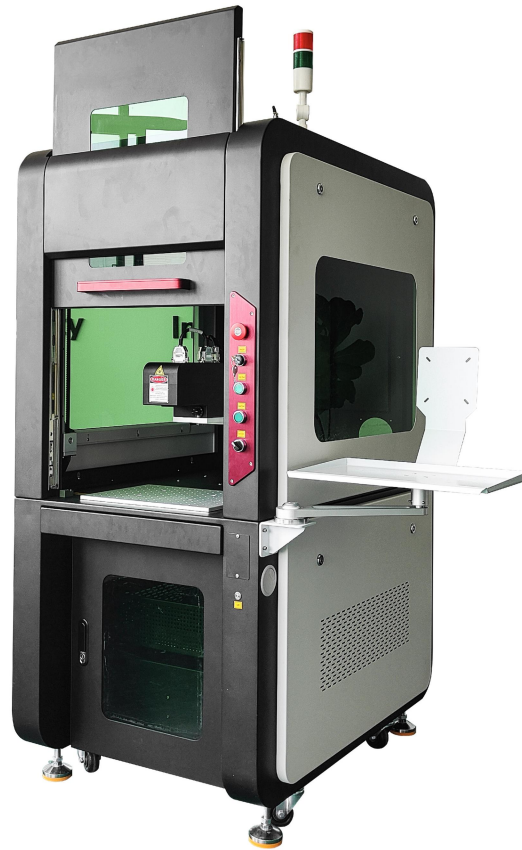
Contact Person: Ms. Suzy Zhou
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 Email:suzy@cfantek.com
 Add: 5th floor, No.16 building, Shuibei Industrial Zone,
 Beili North Road, Luohu District, Shenzhen

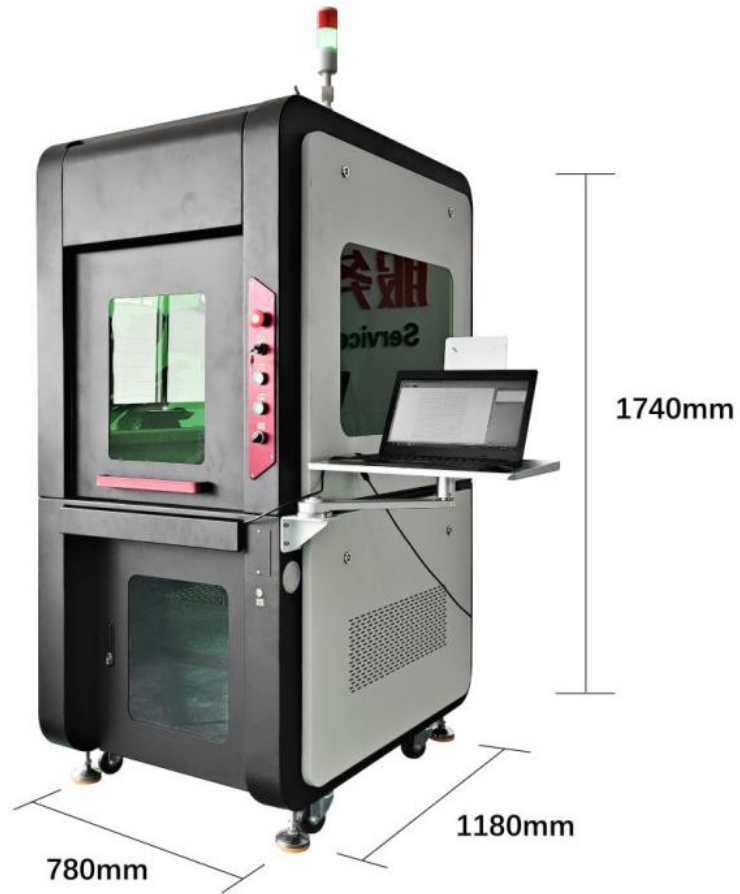
CFAN Factory

Add: 10th floor, No. 2 building, Heng Changrong Hi-Tech
 Industrial Park, Shajing District, Shenzhen

Item	Picture
<p>Enclosed 3D Fiber Laser Machine</p> <p>Configuration:</p> <ul style="list-style-type: none"> - Raycus 50W/70W/100W laser source - Feeltex F10 3D scan head - 100*100mm lens - Feeltex original controller - LenMark-3DS control software - Motorized z-axis 	
<p>Dust collector</p> <p>Rotary</p> <p>Metal holder</p>	

Machine Pictures >>>





Product Description

Laser Equipment
Placement Area



Lifting Door



Operating Button



Computer
Keyboard



Industrial
Computer



Power Supply Cabinet



Sliding Wheels
(Easy To Move)



Detailed Images



— High quality control switch system



— State-of-the-art light box lighting system



— Pure aluminum motion system



— Large capacity power distribution cabinet/chassis



— LProfessional keyboard of laser machine is equipped with a highly flexible motion system



— Most sensitive U/D speed adjust



— Equipped with the most safety alarm light



— Powerful intelligent refrigeration system

Technical Parameter >>>

Laser Power	50W/70W/100W
Purpose	Curved surface engraving and Relief engraving
Wavelength	1064nm
Laser beam quality M2	<1.6
Control program	LenMark-3DS
Marking Area xyz	100*100*30mm
Graphic format supported	Jpg,Bmp,DXF,PLT,AI,STL
Cooling type	Air cooling
Operating parameter	0-40℃
Purpose	Curved surface engraving and Relief engraving
One time marking Depth	0.03-0.08mm
Voltage	AC110V/220V±10% 50HZ/60HZ

Standard Accessories >>>

Description	Quantity	Units	Description	Quantity	Units
Foot control switch	1	pcs	Power cable	1	pcs
Goggles	1	pcs	Inner hexagon spanner	1	pcs
Positioning bar	2	pcs	USB cable	1	pcs
Software U disk	1	pcs	Ruler	1	pcs



Package and Shipping >>>



Samples >>>



Portable Precious Metal Analyzer XF-A3



- **Fast, precise and non-destructive precious metals testing**
- **Built-in industrial computer**
- **Multi-point hand touch touchscreen**
- **Active radiation protection**



Features

- * **Analysis elements:**
Au, Ag, Cu, Pt, Pd, Ir, Cd
- * **Accuracy:** $\pm 0.1\%$
- * **Test sample:** solids /liquids/Powder
- * **X-ray Tube overheating protection**
- * **High Voltage protection**
- * **Extension wire and the auxiliary bracket**
- * **Actual focal spot:** $\phi 5\text{mm}$
- * **Inbuilt industrial motherboard & multi-point hand touch**
- * **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
fast and accurate

A good helper for jewelry
store integrity display



Support online after-sales
service, instantly resolve
customer issues

Back



Front



Right



Specification

Input voltage	AC100 ~ 240V, 50Hz
Package size	560 x 530 x 510mm
Machine size	410 x 500 x 430mm
Sample chamber size	306 x 248 x 124mm
Rated power	<150W
Net/Gross weight	33/45KG
Detector	Gas proportional Detector
Built-in industrial computer	Intel SandyBridge highly integrated industrial motherboard
HV power supply	0~50KV/0~1mA
X-ray tube	50KV/1mA
Collimator	φ2.5mm
Noise	≤50dB
Temperature	-11°C ~ 46°C
Humidity	<70% (Noncondensing)

Application

- jewelry store
- Pawn
- Gold and silver COINS, collectors
- Jewelry factory
- Jewelry school
- Metal handicraft industry
- Precious metals recycling

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Portable Precious Metal Analyzer

XF-A7



- AMPTEK customized Si-PIN
- Built-in quad-core CPU computer
- IPS display and capacitive touchscreen
- Adopts a new vertical optical path, the analyzer is fast, stable and accurate

Features

- * **Analysis elements: K(No.19) ~ U(No.92)**
- * Up to 24 elements can be evaluated simultaneously
- * Analysis range: 0.01% ~ 99.99%
- * Accuracy: $\pm 0.03\%$
- * Test sample: solids /liquids/Powder
- * Customized TCP/IP protocol API interface,support the external network to control the machine, state monitoring and data collection
- * Actual focal spot: $\phi 3\text{mm}$
- * Support multi-point continuous test, high test efficiency
- * Built-in XRF industrial computer with ARM quad-core + Linux kernel, no fear of Trojans and virus software
- * **9.7-inch build-in integrated IPS display + capacitive touchscreen**

Easy to operate
non-destructive analysis



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



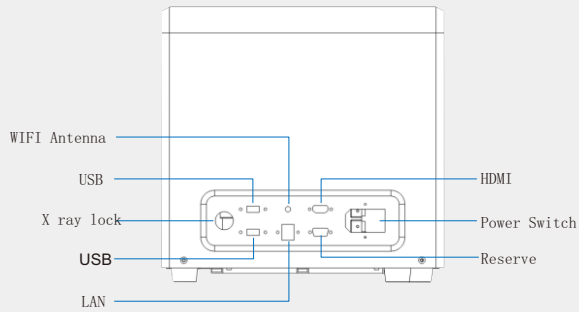
Detects 20+ Elements
Precisely close to Fire Assay



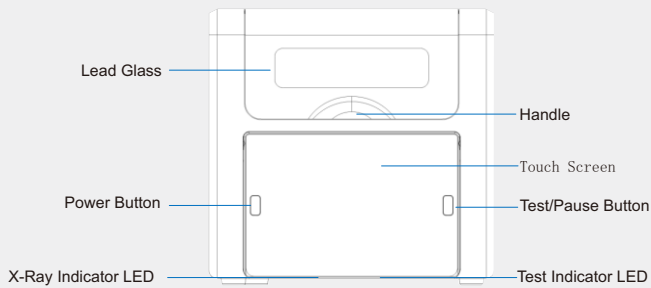
Lead(Pb) glass to guarantee
100% human safe



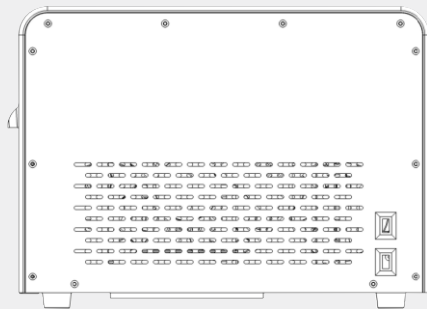
Back



Front



Right



Specification

Input voltage	AC100 ~ 240V, 50Hz
Package size	800 x 535 x 450mm
Machine size	467 x 345 x 336mm
Sample chamber size	306 x 248 x 124mm
Rated power	<150W
Gross weight	50KG
Detector	AMPTEK customized Si-PIN
Built-in industrial computer	NXP IMX8quad-core Cortex-A53
HV power supply	50KV/1mA digital HV
X-ray tube	50KV/1mA
	Window material : glass window
	Target material : wolfram
	Focus: ϕ 0.5mm
Collimator	ϕ 2.0mm
Noise	\leq 50dB
Temperature	15°C ~ 31°C
Humidity	<70% (Noncondensing)

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XF-P0



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- * X-ray Tube overheating protection
- * High Voltage protection
- * Warm-up and anti interference

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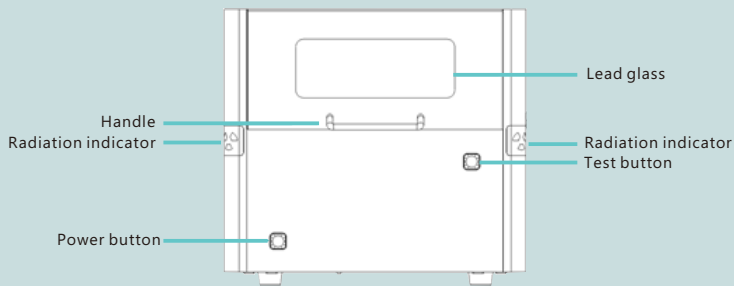
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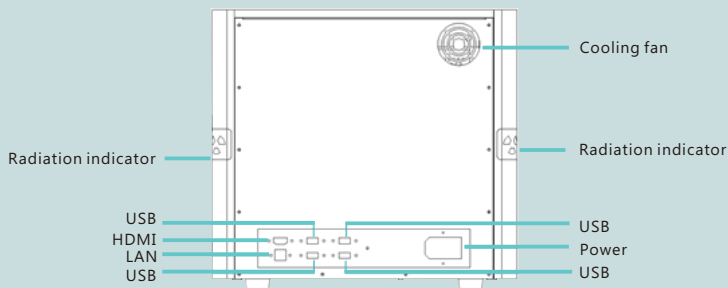
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