XRA2000 All-In-One
Gold Analyzer

Turning Technology into Solutions

Help You Reduce Costs

XRA2000 All-In-One Gold Analyzer

Nanjing Tungsten Technology Co. Ltd. with products certified with CE is a professional manufacturer and exporter of XRF gold analyzer. We have dedicated in XRF (X-ray Fluorescence) technology for more than ten years and are always innovating and surpassing on the basis of the changing demands from the customer, enquires of the market and the people oriented.

Moreover, the satisfaction of our customers has always remained us of our roots: profession, honesty, innovation, quality and competitive price, which has repeatedly led not only to the development of new products, but also the opening up of new areas of business.

Consequently, our company is expanding her business wings. At present, we have partners all over the world, such as Hong Kong, Singapore, India, Sri Lanka, America, Turkey, Poland, Italy and so on.

Tungsten----- For creating XRF Analyzer prestige.

Advantages:

☐ **All-in-one and Wireless Access:**

The machine and the controlling computer are combined together, which is simple and concise.

Its compact, portable, space-saving, streamline body designs with high quality make it an excellent value of long-life usage and low maintenance.

Supporting Wifi allows it to be convenient for us to remote control.

☐ **Accurate (Analysis Results Close To Fire Assay Results):**

Using unique optical technology and calculation method to ensure analysis results close to Fire Assay. Analytical tolerance range is 0.01% to 0.3%.

☐ **Multilevel Protections from X-ray:**

Using unique design to seal x-ray in the chamber totally, making sure the operators' safety. There are multilevel safety protection systems.

1. Ultra low power x-ray tube
2. Fully enclosed metal box
3. Automatically X-ray switch off
4. Inner cover with stepped construction

And so on

☐ **USB Interface and DC12V Power Supply:**

It is very convenient to connect external equipments with USB interface, such as printer, keyboard, and mouse.

It can be charged with vehicle power supply and battery. It is available to use it outside.

XRA2000 All-In-One Gold Analyzer

☐ **Completely Intelligent Analysis:**

The operation is very simple. And it doesn't require the operator to have professional knowledge. The operator just needs to put the sample on the measurement window and click "measurement start" without choosing the working curve or calculate method. Then the intelligent analysis system will report the sample purity automatically.

☐ **Less Standard Samples for Calibration:**

All XRF analyzers need a certain quantity of standard samples for calibration to ensure the accurate analysis. Our analyzer only needs several samples for calibration and gives perfect results close to Fire Assay.

☐ **No Restriction to Samples' Size and Shape:**

With small X-ray spot, it can test samples of different size and shape, even when the sample is a pin. It also supplies average function so that customers can be easy to get big sample's results, such as gold bar.

☐ **Unique Parts Protection System:**

Having unique technology to protect important parts and keep their lives longer.

☐ **Rapid Analysis:**

Only taking several seconds to get accurate results.

☐ **Visible:**

There is a camera in the analyzer, so customers can see X-ray spot position from computer screen. And it is easy to print report with analysis point photo.

☐ **Innovative Ideas:**

Many innovative ideas are integrated into hardware and software, so we have many utility functions to meet different customers' requirements. But our innovation is always plagiarized by some competitors.

We guarantee our gold analyzer can compare with any famous international XRF brands

We guarantee our analysis results close to Fire Assay

We accept sample testing from customers

XRA2000 All-In-One Gold Analyzer

Specification:

Model	XRA2000
Excited Source	Ultra low power X-ray tube, air cooling
Collimator	1-2mm or according to the customer's requirement
X-ray Generator	50kV 1mA
Detector	High resolution detector
Processing Electronics	1.2GB CPU with integrated FPU with 2GB RAM; DPP and MCA
Data Display	High resolution Color QVGA resolution with touch screen; 7 Inch
Data Storage	32GB SDD
Data Transfer	USB interface with many equipments; WIFI
Software	Based on Microsoft Windows system (Win7 and Win8) easy operating, only to press "Start" button, then results will be shown on screen. No need more standard samples for calibration.
Analysis Time	5s to 120s
Analytical Tolerance	0.01% ~ 0.3% (average)
Detection Elements Range	Au, Ag, Pt, Pd, Cu.(Zn and Ni will be calculated in Cu;Cd will be calculated in Ag)
Working Voltage	DC12V
Power Supply Mode	AC100V~240V, DC12V(vehicle power supply or Li-ion battery)
Environmental Temp Range	-10 °C to 50 °C (14 °F to 122 °F)
Dimensions	40*30*27cm (floor space <2 pieces of A4 paper)
Weight	17Kg
Standard Accessory	Polish kits; Operating pen; DC12V power supply; Manual; CD; Jewelry holder
Optional Accessory	Reference calibration samples; USB micro-printer; Micro-wireless keyboard and mouse; Vehicle power supply DC converter