



REAL GOLD OR FAKE? ANALYZE NOW

Fast, precise and non-destructive precious metal analysis with the Bulunmaz B24 Professional XRF Analyzer.



OUR PRODUCT

Precious Metal Analysis Solutions

The Bulunmaz B24 delivers laboratory-grade precious metal analysis in just 3 to 30 seconds—without cutting, melting or damaging your jewellery.

Designed for jewellery stores, gold buyers, pawn shops, refineries and manufacturers, the B24 provides clear information about metal composition, purity percentage and gold karat through an easy-to-use touchscreen interface.

Precision You Can Trust



±0.05%

Analysis precision



24 Elements

Detected simultaneously



3–30 Seconds

Fast testing time



0.01%–99.99%

Wide analysis range



Analyse More Than Gold

The B24 identifies precious and base metals, including:

- . Gold
- . Silver
- . Platinum
- . Palladium
- . Rhodium
- . Tungsten
- . Iridium

and more...

Test a variety of sample types, including:

- ✓ Jewellery
- ✓ Solid Materials
- ✓ Scrap Metal
- ✓ Powders
- ✓ Coins
- ✓ Liquids



WHY BULUNMAZ

Built for Everyday Professional Use



Make faster buying,
selling and quality-control
decisions with confidence.

Request a Price and
Demo Video Today



Non-Destructive Testing

Analyse valuable jewellery and samples without causing damage.



One-Key Smart Test

Place the sample inside, tap the touchscreen and receive clear results within seconds.



12-Inch IPS Touchscreen

Operate the system easily and view composition, percentages and karat values clearly.



Professional Safety System

Fully enclosed X-ray protection, high-voltage protection and multiple safety interlocks help provide secure daily operation.

EASY OPERATION

Three simple steps to a precise result

01

Place the sample

Open the chamber and place jewelry, scrap, coins, powder or liquid. No surface preparation required.

02

One-key test

Tap the 12" touchscreen. Built-in X-ray overheating & high-voltage protection run automatically.

03

Read & export

Element composition, percentage, karat — displayed clearly in 3 to 30 seconds. Print, save or export to USB.

SPECIFICATIONS

B24 technical details

Detector	Customized Si-PIN	Sample types	Solids · Liquids · Powder
X-ray tube	50KV / 1mA · Tungsten	Sample chamber	270 × 260 × 100 mm
HV power supply	50KV / 1mA digital	Machine size	520 × 450 × 400 mm
Collimator	2.5mm	Weight	38 kg net / 50 kg gross
Display	12" IPS touchscreen	Rated power	< 150 W
Computer	Intel i5-3320M	Input voltage	AC 220V, 50Hz
Analysis range	0.01% – 99.99%	Operating temperature	5°C – 30°C
Accuracy	±0.05%	Humidity	15% – 85% (non-cond.)