

Nondestructive Precious Metals Assay and Karat ID

Get fast, accurate analysis results with the [GoldXpert Portable Benchtop XRF Analyzer](#)

The [GoldXpert XRF analyzer](#) is an easy-to-use, cost-effective method to obtain alloy chemistry and karat classification with one nondestructive and non-intrusive test. And, in an economic environment where fast and accurate results are more important than ever, the [GoldXpert XRF analyzer](#) provides outstanding precision and accuracy. Whether you buy gold, sell or produce jewelry, fabricate metal, or recycle scrap metal, you need a fast, highly accurate method to determine karatage (gold content) for quality control and pricing.



XRF is a widely used, proven, and accepted method of chemistry analysis and karating of precious metals samples, including purity and fineness. XRF analysis provides a less expensive, quicker testing alternative to fire assay and chemical tests, and on-the-spot analysis of your silver, platinum, or other materials, making it an easy way to boost customer confidence and ensure dealer reliability.





On-the-spot gold karat classification, 0-24kt



Accurate compositional analysis of platinum, silver, and other precious metals

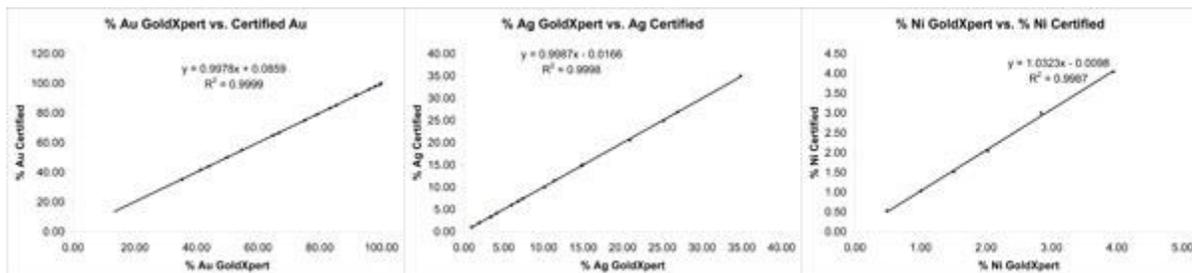


Determination of Gold and Silver content in coinage



Identify and analyze unknown metals for pricing, and even lead screening

Our analyzers give you the benefit and convenience of easy, on-the-spot analysis, so you can feel confident about the results for your gold and precious metal assets. The followed accuracy and precision data was generated using a [GoldXpert](#) with a Si PIN detector system, and is representative of typical performance expected from a Si PIN base system:



GoldXpert Portable Benchtop XRF

The Compact Professional Precious Metals Testing Solution

The GoldXpert offers the best of both worlds. A handsome countertop analyzer fit for the consumer showroom environment, it can also be networked for high productivity QA/QC jobs. The large chamber door opens quickly, with a push of the large front trigger. The GoldXpert can also function as a portable analyzer, running off of a rechargeable Li ION battery pack. Compact and lightweight, weighing only 22 lbs (10 kg), the GoldXpert can be transported easily to wherever testing is needed.

Leaded glass viewing window - easily see sample in chamber

Integrated camera indicating sample analysis points

Safe-closed beam XRF system

Small spot collimation for analysis; ability to switch between 3-mm and 10-mm diameter spots with one push of a button

4 W X-Ray tube, 200 μ A current (max) plus optimized beam settings for accurate analysis

Small desktop footprint: 267 mm x 310 mm x 340 mm (10.5 in. x 12.2 in. x 13.4 in.) (with door closed)



LED-lit sample chamber: 125 mm x 210 mm x 180 mm (4.9 in. x 8.2 in. x 7.0 in.)

Analysis indicator light with 360° visibility

Portable - optional battery operation for mobile off-site use

USB interface for high-speed data export and printing

Responsive, bright, color touch screen display

Silicon PIN detector system standard. Silicon Drift Detector system available for optimized precision and sensitivity.

OLYMPUS

Your Vision, Our Future

**QUANTANALITICA**