



SCOPEX G59 PRECIOUS METAL ANALYZER FOR 9999 GOLD/HIGH- PURITY GOLD

Accurate Detection, the Referee of Quality and Value

ScopeX G59 Precious Metal Analyzer for 9999 Gold/High-purity Gold is a top-notch tool crafted specifically for 9999 gold showcases and the meticulous analysis of ultra-high purity gold.

One of our premier offerings, the ScopeX G59 Precious Metal Analyzer for 9999 Gold/High-purity Gold, features a sizable detector with remarkably sensitive analysis capabilities. Its range of collimators allows for the examination of even the tiniest samples, while its spacious sample chamber accommodates varying sample sizes.

With its state-of-the-art vertical optical path system, the ScopeX G59 Precious Metal Analyzer for 9999 Gold/High-purity Gold swiftly conducts non-destructive analyses, not only determining gold (Au) content but also detecting minute impurities like silver (Ag) and copper (Cu) with a limit of detection (LOD) of $\leq 10\text{ppm}$.

It fulfills analysis needs for gold ranging from 99.99% (9999 gold) to 99.999% (99999 gold). Its ultra-precise analysis, pinpointing impurities within 0.001% (10ppm), renders it the optimal choice for 9999Au showcases and ultra-high purity gold analysis.

APPLICATIONS

ScopeX G59 Analyzer – Raw Material Analysis

Raw Material Analysis in Jewelry Factories

Accurately analyzes incoming and recycled materials to verify compliance with production standards and ensure consistent quality.

ScopeX G59 Analyzer – QC in Jewelry Factory

QC in Jewelry Factories

Monitors alloy ratios during all production stages. Quickly analyzes gold, silver, and platinum purity to adjust smelting parameters.

ScopeX G59 Analyzer – QC and Product Inspection

QC and Product Inspection

Tests compositions during QC and final inspections. Ensures purity and fineness of 18K, 24K, platinum, and other jewelry.

ScopeX G59 Analyzer – Precious Metal Analysis in Shops

Precious Metal Analysis in Shops and Showrooms

Supports quality assurance, trade-in, and recycling. Provides instant purity and value assessments for transparent transactions.

ScopeX G59 Analyzer – High-Purity Gold Applications

Other Applications

Essential for verifying 99.99% and 99.999% gold used in electronics, semiconductors, aerospace, and scientific research.

FEATURES

High-precision testing

XRF test results can offer precision to decimal points, furnishing dependable purity and composition data with an accuracy of up to 0.001% (99999 gold).

Friendly software interface

It comes equipped with a user-friendly software interface, enabling users to perform detections effortlessly, even without a professional background.

Equipped with Bluetooth printer

A Bluetooth printer is included for wireless printing convenience. Users simply need to click the 'Print' button to swiftly acquire reports and data.

A/S service

We offer a 24/7 hotline for quick and professional assistance, ensuring customers have a worry-free experience.

Fast analysis

Compared to traditional chemical analysis methods, the precious metal analyzer delivers results within seconds, significantly enhancing efficiency. It's particularly well-suited for business environments where quick decision-making is essential.

Versatility

In addition to analyzing the composition and purity of metals, it can also identify plating or other impurities beneath the metal surface. This capability is particularly crucial for detecting counterfeit or coated precious metals.

Accurate and reliable quantitative method

XRF analysis software integrates curve calibration method, fundamental parameter method (FP method), and other analysis techniques to ensure the accuracy of test data comprehensively

TECHNICAL SPECIFICATIONS

Type	Benchtop
Weight	46KG
Size	570×400×400mm□ L×W×H□
Sample chamber size	365×300×78mm□ L×W×H□
Detection range	Al-U
Language	Multi languages including English

Detector	Ultra-large area SDD detector with bringing excellent counting rate and energy resolution
Optical structure	Vertical
Tube window	Beryllium window
Collimator	0.5mm/1.0mm/2.0mm/3.0mm are switchable for users to flexibly choose according to analysis requirements and sample characteristics, ensuring the best XRF performance.
Filter	Automatic switchable multi-filter can significantly improve the quality and efficiency of analysis, better adapting to different analysis scenarios, providing users with more accurate and reliable results.
Accuracy	$\pm 0.001\%$ 99999 gold
Computer parameter	I5 quad core
Data printing	Bluetooth printer
Algorithm	ScopeX G59 adopts curve calibration method and fundamental parameter(FP) method to remove background difference, reduce error and improve test accuracy.
One-click test button	Included
Camera	5 megapixel HD CMOS color camera



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

