



TRUEX G7 PRECIOUS METAL ANALYZER FOR HIGH-END FACTORY RECYCLING

The TrueX G7 Precious Metal Analyzer for High-end Factory Recycling is a cost-effective precious metal analyzer for non-destructive analysis. It features a high-performance X-ray tube and a large-area detector, enabling rapid determination of the purity and composition of precious metals such as gold, silver, and platinum. With the advantages of non-destructive testing (NDT), portability, speed, stability, accuracy, and sensitivity, TrueX G7 stands out.

Its portability and user-friendly operating interface ensure that even non-professionals can easily learn and use it in various environments for quick analysis, greatly enhancing efficiency. It serves as a valuable asset for recyclers and manufacturers in the process of quality control for precious metals.

APPLICATIONS

TrueX G7 Analyzer – Recycling in Refineries

Recycling Analysis in Refineries / Jewelry Factories

Ensures quality of recycled material by analyzing purity and composition. Enhances refining efficiency, reduces pollution, and guarantees jewelry fineness.

TrueX G7 Analyzer – Trade-in Jewelry Shop

Trade-in or Recycling in Jewelry Shops

Provides precise purity and composition analysis, ensuring transparency and fairness in transactions.

TrueX G7 Analyzer – Pawnshop Evaluation

Pawnshop Evaluation

Accurately identifies gold, platinum, palladium, and other metals. Helps avoid miscalculations and minimizes risks of counterfeits.

TrueX G7 Analyzer – Precious Metal Recycling

Other Precious Metal Recycling

Supports banks, individuals, and recyclers in analyzing gold and electronic waste for quality assurance.

TrueX G7 Analyzer – Incoming Material Testing

Incoming and Recycling Raw Material Analysis

Verifies standards for new materials and evaluates recycled gold for reprocessing value and treatment.

TrueX G7 Analyzer – Production QC

Production & Quality Control

Analyzes raw, semi-finished, and finished jewelry to confirm fineness and purity meet required standards.

FEATURES

High accuracy

XRF technology delivers dependable purity and composition data with an accuracy of up to 0.01% (9999 gold).

Fast analysis

In contrast to traditional chemical methods, the TrueX G7 Precious Metal Analyzer for High-end Factory Recycling delivers results within seconds, significantly enhancing efficiency.

Non-destructive analysis

Without requiring pre-processing of samples, conducting non-destructive analysis of precious metals is simple, convenient, and fast.

Light and small

TrueX G7 Precious Metal Analyzer for High-end Factory Recycling- Lightweight and easy to carry, designed for on-site analysis.

One-click intelligent operation

The entire analysis process can be completed in just a few seconds. The operation is straightforward and can be easily mastered by non-technical personnel.

Equipped with Bluetooth printer

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

A/S service

A 24/7 hotline ensures quick and professional responses, guaranteeing customers a worry-free experience.

TECHNICAL SPECIFICATIONS

Type	Handheld
Weight	1.5KG(without battery)
Size	254×79×280mm□ L×W×H□
Detection range	Al-U
Language	Multi languages including English
Detector	SDD detector
Optical structure	Oblique
Tube window	Beryllium(Be) window

Collimator	Equipped with 1.5mm collimator to reduce background noise, improve resolution and accuracy.
Accuracy	$\pm 0.01\%$ 9999 gold
Built-in computer	Included
Display system	4.3-inch industrial-grade resistance touch screen Automatic display brightness adjustment according to environment
Computer parameter	I. MX 6 Quad, quad-core Cortex-A9 processor
Data printing	Bluetooth printer
Algorithm	TrueX G7 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	Built-in camera provides intuitive sample positioning and image recording function, ensuring accurate X-ray irradiation and operation.
Data transmission	Built-in 32G system memory, USB, Bluetooth
Power supply	Standard 2 MSBUS intelligent batteries A single battery can work for about 8 hours. State of charge(SOC)can be directly checked in the battery. Compliance with the transport regulations of dangerous goods by air



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