

## **PEDX G7 PRECIOUS METAL ANALYZER FOR SHOWROOM/FACTORY**



The PeDX G7 Precious Metal Analyzer for Showroom/Factory is crafted for swift and precise analysis of precious metal compositions. It swiftly and accurately conducts element analysis on gold, platinum, palladium, and other precious metals, delivering immediate results.

Featuring portability, high reliability, rapid speed, non-destructive analysis, and simple operation, the PeDX G7 Precious Metal Analyzer for Showroom/Factory offers numerous advantages. Its lightweight and compact design allows users to easily transport it to any testing site. With exceptional configuration, it ensures the accuracy and reliability of test results.

Even non-professionals can quickly master its user-friendly operation. The PeDX G7 Precious Metal Analyzer for Showroom/Factory meets high industry standards for jewelry showrooms, factories, and testing agencies effectively.

## **APPLICATIONS**

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PeDX G7 Analyzer – Incoming and Recycling Raw Material

### **Incoming and Recycling Material Analysis**

Verifies standards for new materials and assesses purity of recycled ones. Supports reprocessing value evaluation and treatment planning in jewelry factories.

PeDX G7 Analyzer – QC in Jewelry Factory

### **QC in Jewelry Factories**

Monitors alloy ratios across smelting and production stages. Quickly analyzes gold, silver, and platinum to adjust parameters and ensure accuracy.

PeDX G7 Analyzer – QC and Product Inspection

### **QC and Product Inspection**

Ensures fineness and purity meet required standards. Analyzes 18K, 24K, platinum, and more to confirm accuracy of product labeling.

PeDX G7 Analyzer – Precious Metal Analysis in Showrooms

### **Precious Metal Analysis in Shops and Showrooms**

Supports jewelry quality checks, trade-in, and recycling. Provides instant purity evaluation for gold and other metals, ensuring fair transactions.

## **FEATURES**

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### **High accuracy**

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

### **Fast analysis**

Compared to traditional chemical methods, an XRF precious metal analyzer delivers results within seconds, significantly enhancing efficiency.

## **Portability**

Its compact size and lightweight design make it easy to carry and use in various environments.

## **Data management system**

The built-in data management system allows users to store, check, and export test results.

## **Equipped with Bluetooth printer**

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

## **One-click intelligent operation**

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

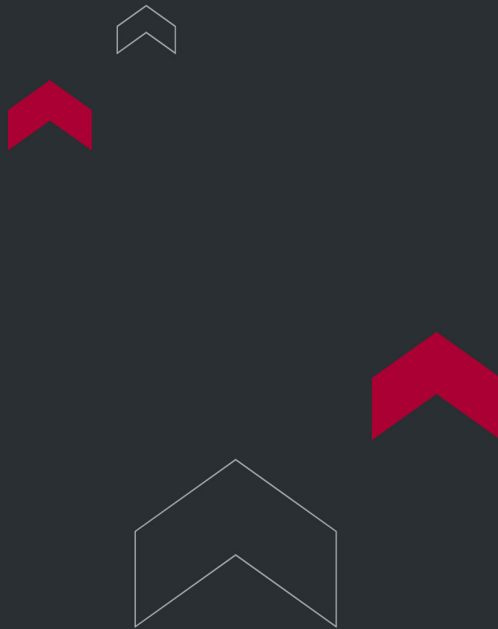
## **A/S service**

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

## TECHNICAL SPECIFICATIONS

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Type                | Portable                                                                                                              |
| Weight              | 4.6KG(without battery)                                                                                                |
| Size                | 200×200×268mm□ L×W×H□                                                                                                 |
| Sample chamber size | 170×130×60mm□ 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            | ±0.01%□ 9999 gold□                                                                                                    |
| Built-in computer   | Included                                                                                                              |
| Display system      | 5.7-inch industrial-grade resistance touch screen<br>Automatic display brightness adjustment according to environment |
| Computer parameter  | I. MX 6 Quad, quad-core Cortex-A9 processor                                                                           |
| Data printing       | Bluetooth printer                                                                                                     |

|                       |                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Algorithm             | PeDX 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          | <p>Standard 2 MSBUS intelligent batteries</p> <p>A single battery can work for about 8 hours. State of charge(SOC)can be directly checked in the battery.</p> <p>Compliance with the transport regulations of dangerous goods by air</p> |



**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](mailto: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](mailto: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](mailto:me@torontech.com)

