

Product Parameters	
Type	Portable
Weight	4.6KG(without battery)
Size	200mm×200mm×268mm(L×W×H)
Sample chamber size	170mm×130mm×60mm(L×W×H)
Detection range	Al-U
Language	Multi languages including Chinese, English
Detector	PeDX G5:Si-Pin detector PeDX G7: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	PeDX G5:±0.03% PeDX G7:±0.01%
Display system	5.7-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
Data transmission	Built-in 32G system memory,USB,Bluetooth
Algorithm	Adopts curve calibration method and fundamental parameter(FP) method to remove background difference, reduce error and improve test accuracy.
Camera	Built-in camera provides intuitive sample positioning and image recording function, ensuring accurate X-ray irradiation and operation



PeDX G5/G7

PeDX Portable Precious Metal Analyzer

Neo Instruments Co

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PRODUCT INTRODUCTION

PeDX precious metal analyzer is designed for quick and accurate analysis on precious metal compositions. It can conduct quick and accurate element analysis on gold, platinum, and palladium and other precious metals, providing results immediately.

The device has the advantages of portability, high reliability, fast speed, non-destructive analysis, simple operation etc. Light and compact design makes users bring conveniently to any testing sites. Outstanding configuration ensures accuracy and reliability of test results. Even non-pros can master the easy operation fast. It can meet high industry standards for the jewelry showroom, factories and test agencies well.



Advantages

Fast analysis

Compared with traditional chemical methods, XRF precious metal analyzer provides results in seconds, greatly improving efficiency.

High accuracy

XRF technology provides reliable purity and composition data with an accuracy up to 0.03% (999 gold).

Non-destructive analysis

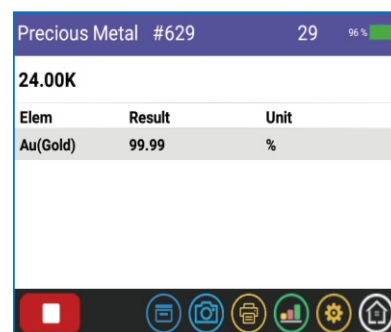
With no need to pre-process samples, it is simple, convenient and fast to realize the non-destructive analysis of precious metals.

Portability

Small volume and light weight make it easy to carry and use in various environments.

Powerful data processing capabilities

The software has a variety of built-in data processing and analysis tools that can automatically process, analyse and generate reports on test data. Users can choose different output formats (e.g. EXCEL, PDF, etc.) and can customise the content of the report to meet different test data management needs.



Elem	Result	Unit
Au(Gold)	99.99	%

Application

