



PEDX PORTABLE XRF ANALYZER

PeDX is a portable X-ray fluorescence (XRF) analyzer meets users analysis requirements. It features portability, rapid analysis, stability, and high accuracy. Primarily utilized in waste recycling, environmental assessment, consumer product safety, metal materials, metal jewelry, petrochemical industry, geological and mineral exploration, PeDX serves as a foundational tool for product trade, processing, quality testing, safety audits, and recycling within these sectors.

APPLICATIONS

PeDX Portable XRF Analyzer, Oil Analyzer

Alloy applications

Positive Material identification , QA/QC, waste sorting

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Environmental assessment

Soil detection, solid waste detection

PeDX Portable XRF Analyzer, Oil Analyzer

Consumer compliance and safety screening

RoHS compliance screening

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Geology and Chemistry

Mineral exploration, ore detection

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Precious metal detection

Jewelry/Precious metal identification, automobile catalyst detection

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Oil analysis

Detection of wear metal in oil

FEATURES

One-click intelligent operation

The entire analysis process can be finished in just a few seconds. The operation is straightforward, and even those without technical expertise can easily use it.

Easy customization

Based on the testing, PeDX Portable XRF Analyzer - Oil Analyzer offers a range of customizable settings. Users can adjust test conditions to meet specific detection requirements or modify thresholds for screening purposes, enabling personalized screening of various materials and elements.

Multiple forms of data output

In PeDX Portable XRF Analyzer - Oil Analyzer analytical data reports can be generated in either PDF or Excel format. When exporting data in Excel format, users have the option to review and edit the data directly within the table. Additionally, users can create customized professional reports that include company logos, addresses, test results, spectrograms, and other sample information such as product descriptions, origins, and batch numbers.

Accurate and reliable qualitative and quantitative methods

PeDX Portable XRF Analyzer - Oil Analyzer incorporates advanced algorithms like the super-FP algorithm and correction curve method, enhancing the instrument's speed, accuracy, and consistency in measurements.

TECHNICAL SPECIFICATIONS

Weight	4.1KG
Size	200×200×268mm□ L×W×H□
Sample Room Size	170×130×60mm□ L×W×H□

Excitation Source	Up to 50kV, 200uA X-ray tube, upper excitation power 4W, Ag/Rh target(Optional)
Detector	BOOST Si-pin/SDD(Optional)
Detection Range	Mg—U
Data Processing	Built-in 32GB storage USB, can connect the device to the Internet, remote setting and maintenance of the instrument
Air mode	Air mode, Helium mode, Vacuum mode(Optional)
Safety	Built-in X-ray protection (automatic cut-off) Safety interlock, can only open the instrument under the condition of power (closed performance) Radiation indicator light
Resolution	<136eV
Operating ambient temperature	-20°C~50°C
Operating ambient humidity	10%~90% relative humidity, non-condensing
Display	5.7-inch absorbable color touch screen display
Test Time	User customize
Optional	Built-in 5-megapixel HD camera
Language	English, etc.



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

