



OIL ANALYZER

PeDX Portable XRF Analyzer - Oil Analyzer that offers sulfur analysis solutions for the energy sector. It can analyze a variety of petroleum products, including lubricating oil, diesel fuel, kerosene, jet fuel, and more. Within minutes, it can detect sulfur content as well as other elements present in these products, such as wear elements and pollutants. This analysis can be conducted on liquid, solid, or gas samples, providing safe and reliable results wherever petroleum products are utilized.

APPLICATIONS

PeDX Portable XRF Analyzer, Oil Analyzer - Marine Fuel Sulphur

Analysis of Sulphur content in marine fuels

PeDX Portable XRF Analyzer, Oil Analyzer - Petroleum Refining

Petroleum refining industry

PeDX Portable XRF Analyzer, Oil Analyzer - Refinery

Refinery

PeDX Portable XRF Analyzer, Oil Analyzer - Oil Pipeline

Oil pipeline

PeDX Portable XRF Analyzer, Oil Analyzer - Wear Elements & Additives

Analysis of wear Elements/Additives/Hydrocarbons in oils

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□
Size of Sample Room	170×130×60mm□ L×W×H□
Excitation source	Up to 50kV, 200uA X-ray tube, upper excitation power 4W, Ag/Rh target
Detector	BOOST Si-pin/SDD(Optional)
Operation System	Based on the I. MX 6 Quad□ quad-core Cortex-A9 processor Dedicated analytics operating system, 32GB of system memory
Data Processing	Built-in 32GB storage USB, can connect the device to the Internet, remote setting and maintenance of the instrument
Target	W/Ag/Rh(Optional)
Resolution	<136eV
Data Transfer	USB, Bluetooth
Operating Ambient Temperature	-20℃~50℃
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 million pixel high-definition camera
Language	English, etc.
Air mode	Air mode, helium mode, vacuum mode (optional)



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