



TRUEX COAT COATING ANALYZER

The TrueX COAT Coating Analyzer is a handheld XRF device, featuring top-notch performance. Drawing on years of research and development in XRF technology, it meets the demands of the coating market.

The TrueX COAT Coating Analyzer excels in measuring coating thickness and analyzing materials, offering non-destructive, dependable, and highly efficient operation. It's adept at both qualitative analysis of elemental composition and measuring the thickness of coatings and coating systems.

Widely utilized in various industries such as circuit board manufacturing, semiconductor production, electroplating, metal fabrication, automotive parts, sanitary ware, and jewelry making for analyzing functional plating bath concentrations.

1.5KG

Lightweight and durable, easy to operate

□ 5 layers

The upper limit of the number of testable coating layers

Nondestructive testing

Does not damage or affect the performance of the tested object Application Advantages

APPLICATIONS

TrueX COAT Coating Analyzer – Circuit Board Industry

Circuit Board Industry

Measures coating thickness and uniformity for reliable PCB performance.

TrueX COAT Coating Analyzer – Hardware and Building Materials

Hardware & Building Materials

Ensures compliance and durability of protective and decorative coatings.

TrueX COAT Coating Analyzer – Jewelry and Watches

Jewelry & Watches

Provides precise analysis for plating quality, thickness, and durability.

TrueX COAT Coating Analyzer – Precision Electronics & 5G

Precision Electronics & 5G

Guarantees coating consistency for advanced electronic and telecom components.

TrueX COAT Coating Analyzer – Automobile and Decoration

Automobile & Decoration

Verifies coating layers for durability, corrosion resistance, and appearance.

TrueX COAT Coating Analyzer – Plating Bath & Wastewater

Plating Bath & Wastewater

Monitors metal content in plating solutions and wastewater for compliance.

FEATURES

Easy carry

The TrueX COAT Coating Analyzer is compact and lightweight, making it easy to transport.

High-performance configuration

High-speed processing chips, advanced algorithms, and efficient software work together to speed up instrument analysis.

Industrial resistance touch screen

The TrueX COAT Coating Analyzer features a 4.3-inch industrial resistance touch screen, which outperforms capacitor screens. It offers superior backlight performance, ensuring clear visibility even in bright outdoor conditions, and eliminates the need to remove gloves in special outdoor environments.

User-customized

Users have the option to generate customized professional reports, which can include the company logo, address, test results, spectrograph, and other sample details like product description, origin, batch number, and more.

High quality detector

The TrueX COAT Coating Analyzer is ideal for analyzing multiple elements, featuring a low-noise detector and flexibility in handling various coating structures.

TECHNICAL SPECIFICATIONS

Weight	1.5KG
Size	254×79×280mm□ L×W×H□
Excitation source	Up to 50kV/200μA, Voltage and current can be adjusted freely, W/Ag/Rh target (optional)
Detection Range	Mg—U
Detector	BOOST Si-Pin, SDD(optional)
Display System	4.3 inches industrial grade resistance touch screen Automatically adjust display brightness according to external environment
Data Processing	Built-in 32GB storage USB, Bluetooth, WIFI, can connect the device to the Internet, remote setting and maintenance of the instrument

Security	Built-in DoubleBeam™ technology automatically whether samples are at front, enhanced radiation safety and protection Waterproof, dustproof and shockproof carrying case Special safety rope
Power Supply System	Intelligent battery with MSBUS, can directly check the remaining capacity of the battery, the battery complies with the air dangerous goods transport regulations



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