LABTRON

ALLOY ANALYZER LAAZ-A10

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Alloy Analyzer LAAZ-A10

Alloy Analyzer LAAZ-A10 is an all in one XRF X-ray fluorescence spectrometer capable of virtual analysis of elements. It features best in class UHRD/SDD detector and advanced vacuum system. It offers Sodium (Na) to Uranium (U) measurable elements and analytical range is from ppm to 99.99 %. The ambient temperature range is from 15˚C to 30˚C and Precision range is up to 0.05%. It is used for multiple testing types including Mineral, Alloy, RoHS, Plating Thickness and custom applications. Alloy is not affected during test; hence, it does not lose its actual elemental value. Accurate results, with precise specification of components are detected in few seconds.

FEATURES

- High-performance electronic cooling UHRD detector
- Built-in SNE (Signal to Noise Enhancer)
- Offers high efficient super thin window X-ray light tube
- Designed with high precision, fast testing speed and easy operation etc.
- It offers qualitative and quantitative testing function
- Testing samples include all alloy or metal components, from Na to U
- Designed with LCD display and CMOS HD camera
- Adopts collimator and filter
- Equipped with triple safety protection mode
- Designed with vacuum degree and 2L vacuum pump

APPLICATIONS

XRF Alloy Analyzer used for determining elemental composition in Na to U elements range of alloy, minerals, RoHS plating, and other materials.

SPECIFICATION

Model	LAAZ-A10
Measurable elements	Sodium (Na) to Uranium (U)
Precision	Up to 0.05%
Analytical Range	ppm to 99.99 %
Energy Resolution	140±5eV
X-ray tube voltage	5 KV to 50 KV
X-Ray Tube current	50 uA to 1000 uA
Sample chamber size	320 × 100 mm
Ambient Temperature	15˚C to 30˚C
Ambient Humidity	35 to 70 %
Dimension	660 × 510 × 350 mm
Power consumption	200 W
Power supply	AC 220V ± 5V or AC 110V ± 5V. AC purified power supply
Weight	65 kg