

Product Name : Astra Handheld XRF Analyzer	Product Code : ASTRALAB-SUPPLYA17009
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Description :
Astra Handheld XRF Analyzer
Technical Specification :
The new handheld XRF analyzer is specially designed for the application of X fluorescence analysis in the field and in the field. It has the characteristics of small size, light weight, and ordinary people can measure it by hand; the product is ultra small, ultra light, ultra beautiful, ultra safe, ultra Convenient, ultra-long standby time, ultra-waterproof, ultra-precision, ultra-fast, etc., and the introduction of digital multi-channel technology in the small X-ray instrument, makes the instrument detection limit better, higher stability, and wider application.

Products include hazardous element analyzer Genius 3000XRF, alloy analyzer Genius 5000XRF, ore analyzer Genius 7000XRF, soil heavy metal analyzer Genius 9000XRF and a series of professional models, which can fully meet various elements from raw material inspection, production process control to finished product inspection On-site online analysis of composition, reliability identification of metal materials and rapid identification of alloy grades, on-site detection of heavy metals in soil, field in-situ multi-element analysis of various geological mineral samples and other market needs.

Excellent performance comparable to desktop computers: the integrated miniature light tube, large-area beryllium window SDD silicon drift detector, so that the handheld instrument has a test performance similar to that of a desktop.

Small and portable: fast operation, convenient for field work.

Non-destructive testing: the tested sample is not damaged in the whole testing process

Quick detection: The instrument can be hand held for 1-2 seconds to quickly test the sample, and it can be measured close to the laboratory accuracy in 10 seconds.

Newly added light element detection function: an inflatable system is added, and the equipment can be inflated with a helium filling system at normal pressure. No sample preparation is required for direct measurement: No sample preparation is required for field analysis, and the measurement can be performed directly on the surface of the object to be tested. High-definition camera detection is more accurate: built-in high-definition camera.

Deviation correction is easily in place: a variety of test mode settings and unlimited number of modes can be added freely, built-in intensity correction method.

Professional software, easy to operate: Hazardous element analyzer, alloy analyzer, ore analyzer, soil heavy metal analyzer are all equipped with professional application software.

The collimation filter has a three-fold increase in efficiency: the original 4 groups have been increased to 12 groups, which has increased three times.

Data transmission is faster: SPI data transmission is used to effectively improve data transmission capacity and data operation capacity.

Radiation protection, care for health: triple safety protection function, automatic induction, with no sample empty test, 2 seconds to automatically turn off the X-ray tube function; thickened protective test wall; distribution test protective safety cover.



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