

Alloy Analyzer



The handheld alloy analyzer integrates the latest scientific innovations of YUKE Industry and is a powerful tool for metal material identification in the production process. It has the advantages of fast, high precision, portability, and other advantages. It can carry out on-site detection and rapid classification of large amounts of metal waste, providing users with rapid, efficient and accurate data information.

It is a powerful tool in quality control (QA/QC), material analysis (PMI), mixture identification, waste sorting (Recycling), Grade ID in steel smelting, non-ferrous metals, petrochemical refining, fine chemical industry, pharmaceutical, electric power plant.

Advantage:

1. Professional brand database

The product's built-in brand database contains 380 kinds of alloy brands, which can solve the conversion problem of different countries' brands in special industry applications. At the same time, users can customize the expansion of alloy brand library, can simultaneously analyze more than 600 kinds of alloy, alloy materials more than 10,000 kinds.

2. Extremely low detection limit

New net strength fitting method, super-FP algorithm enables users to accurately analyze metal material and element content without switching modes.

3. Nondestructive testing (NDT)

The whole testing process has no damage to the product, and the measurement can be carried out under various extreme environmental conditions such as high and low temperature, dust, dark and damp.

4. Personalized

Professional management analysis software, can set up security password, output customized, personalized and with the company LOGO analysis report.

5. More portable

One-button operation, more convenient; The instrument is smaller and lighter, convenient for users to carry, and remote control of the instrument can be easily realized.

Application scenario:



Waste recycling and sorting



Alloy material identification (PMI) incoming inspection



Quality control and QA (QC/QA) and Effective Error Prevention (PKKA-YOKE)

Product Parameters:

Weight

1.5KG

Size

254mm×79mm×280mm (L×W×H)



0086 16601757347
inquiry@yukelab.com
www.yukelab.com
0086 021 59570209

Detection range	Mg—U
Excitation source	50kV/200μA upper limit, tube pressure tube flow can be adjusted freely, W/Ag/Rh target (optional)
Detector	Si-PIN detector/SDD detector
Display system	4.3 "industrial grade resistance touch screen Automatically adjust display brightness according to external environment brightness
Data processing	Built-in 32GB storage USB, can connect the device to the Internet, remote setting and maintenance of the instrument
Heat dissipation	T-slot radiator
Security	Built-in DoubleBeam™ technology automatically senses samples ahead for enhanced radiation safety and protection Waterproof, dustproof and shockproof carrying case LANScientific special safety rope
Power system	Intelligent battery with MSBUS, real-time monitoring battery, spare battery can directly check the remaining capacity of the battery, the battery complies with the air dangerous goods transport regulations A single battery can work for about 8 hours



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