

INDUSTRIAL ON-LINE MONITOR



It can be used for RoHS detection of industrial products, element content monitoring, coating thickness monitoring, rapid sorting and other industries.

Industrial On-line Monitor is an advanced testing and sorting device, drawing upon years of expertise in XRF technology research and development.

This innovative tool integrates optoelectronics, microelectronics, and computer software to facilitate the tracking, detection, and evaluation of material quality a pivotal aspect in the manufacturing and screening processes across various sectors such as waste recycling, consumer goods, and ore mining. Compared to conventional sorting techniques, Industrial On-line Monitor offers superior speed and accuracy in spectral box sorting.

Its versatility is further enhanced by compatibility with robotic arms, enabling seamless integration into conveyor systems, feeders, and other automated equipment. By conducting nondestructive testing of material elements and content, this device introduces a groundbreaking sorting approach to the recycling and quality testing industry, heralding a new era of efficiency and innovation in material sorting.

Automation

For efficient production

24H

Continuous monitoring

Multi-function

Can be used in multiple industries

Industrial On-line Monitor

APPLICATIONS

Industrial On-line Monitor - Screening of hazardous substances

Screening of hazardous substances in RoHS consumer products

Industrial On-line Monitor - Online detection of heavy metals in soil

Automatic online detection of heavy metals in soil

Industrial On-line Monitor - Ore exploration and mining

Ore exploration, mining, selection and detection

Industrial On-line Monitor - Waste recycling product sorting

Waste recycling station can be recycled product sorting

FEATURES

Increase the picking accuracy

Testing samples one by one is safer and more reliable.

Improve the picking speed

The picking speed can be increased by 60% while maintaining the same working time.

Improve the work efficiency of the enterprise

Analysis data reports can be generated in either PDF or Excel format. Based on the test results, adjustments can be made to cater to specific screening requirements, enabling personalized screening for different materials and elements. This reduces manual intervention and enhances overall enterprise efficiency.

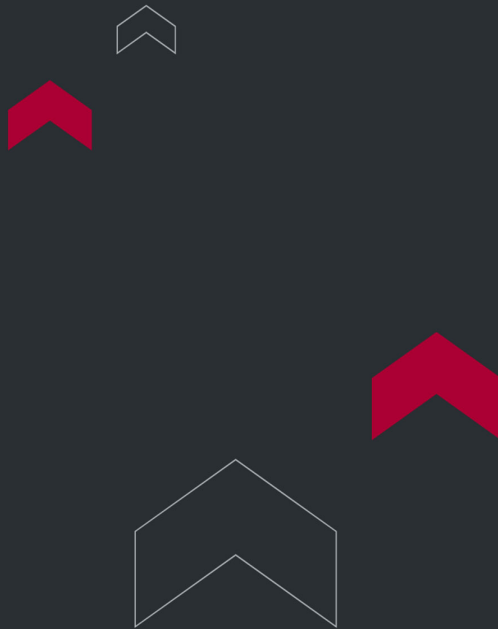
Improve economic benefits

By reducing material consumption, enhancing material recovery rates, saving labor, and improving overall enterprise economic benefits and competitiveness.

TECHNICAL SPECIFICATIONS

Weight	2.5KG
Size	240×145×70 mm□ L×W×H□
Excitation source	50kV/200uA upper limit, tube pressure tube flow can be adjusted freely, Ag target (standard), Au, W, Rh target (optional)

The detector	BOOST type SI-PIN detector High sensitivity SDD detector (optional)
Detection range	Mg—U
Display system	Industrial grade resistance touch screen, screen size: 4.3"
Data Processing	Built-in 32GB storage The instrument can be set up and repaired remotely The data can be output in EXCEL and PDF format. Users can customize professional reports, including company logo, company address, test results, spectral spectrum and other sample information (such as product description, origin, batch number, etc.).
Security	Waterproof and dustproof
Power Supply System	9V power transformer □ 100 □ 240VAC □ 50 □ 60Hz □ Max 40W
Temperature conditions	-10 – 50°C
The data transfer	USB, Bluetooth, WIFI, can connect the device to the Internet



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