

X-ray Inspection Machine

(Model :XG5200A/XG5200)



Product name	Automatic X-ray Inspection Machine
Brand Name:	ASIDA
Model Number:	XG5200A/XG5200
Place of Origin:	China
Packaging Details:	Wooden Carton

Brand : ASIDA

Model : XG5200A/XG5200

Testing products : Winding battery products

Chinese invention patent : ZL200810028230.3

Usage

Lithium Battery X-ray Inspection Equipment XG5200 is mainly applied for the battery industry. X-ray penetrate through the inner of the battery with X-ray transmission principle. The machine automatic measure the alignment of the

positive and the negative of the winding battery, and sorting the OK/NG products, intelligent match the AB model according to the a standard at the same time . OK products are transported into the next manufacture process by the belt .

Applications

The X -Ray inspection machine XG5200A/XG5200 is suitable to detect the winding lithium battery.

Characteristics

1. Automatic detection

Automatic detection and sorting OK/NG product.

2. The database modeling

Customers can freely modeling models as many as 60 according to the testing standard. Automatic switching by reading bar code or QR code .

3. Real-time monitoring

All actions ,signal, and the state of the hardware are real-time monitored and displayed on the software interface .

4. Intelligent matching battery

Software automatic determine the A or B type batteries, match the AB model together into the next manufacturing process.

5. Images and data online displaying.

In order to convenience of observation and recognition, data and images of many parts of the same battery test are shown in the same software interface.

6. Safety and environmental protection

The whole equipment with good protective function, all part of the fuselage surface radiation meet safety standards.



SPECIFICATIONS

Specifications of X -ray Inspection Machine XG5600/XG5610			
Item	Specifications	XG5200A	XG5200
X-ray Tube	Tube Voltage	MAX 90 -110 KV	MAX 89KV
	Tube Current	MAX 89-455uA	MAX 455uA
	Focal Spot Size	5μm	5μm
	Cooling Mode	Strong wind cooling	Strong wind cooling
Image-forming System	Effective detection area	4"/6"	48*54mm
	Analysis	80 lp/cm	20.8lp/mm
	Resolution	1024*1024pixels	1000*1124pixels
Detection Precision	Repeat accuracy	60μm	60μm
Efficiency	Detection speed	≥12PPM	≥36 PPM
	False Rate	≤2%	≤2%
	Missing Rate	0.0%	0.0%
	Qualified Rate	≥99.5%	≥99.5%
Safety standard	International Radiation Safety Standards	≤1usv/hr	≤1usv/hr
Others Parameters	Computer	Display: 22" ; Processor: I5; Memory: 4G; Hard device: 1000G;	Display: 22" ; Processor: I5; Memory: 4G; Hard device: 500G;
	Dimension (L X W X H)	4000mm X 1600mmX2200mm	3500mm X 1500mmX1700mm
	Power	AC 220 V / 10 A,about 2500W	AC 220 V / 10 A,about 2500W

	Temperature & Humidity	25°C±3°C; RH 50% ± 10%	25°C±3°C; RH 50% ± 10%
Winding lithium battery	Battery Length	70~160mm	80~150mm
	Battery Width	80~180mm	70~110mm
	Battery Thickness	5~25mm	5~16mm



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