

X-ray Inspection Machine XG5600/XG5610A



Product name	Automatic X-ray Inspection Machine
Brand Name:	ASIDA
Model Number:	XG5600/XG5610
Place of Origin:	China
Packaging Details:	Wooden Carton

Brand : ASIDA

Model : XG5600/XG5610

Application products : cylindrical battery 18650

Chinese patent : ZL200810028230.3

Usage

The equipment is mainly used in lithium electricity industry of cylindrical battery 18650.

Characteristics

1. Automatic sorting

Automatic detection and sorting OK/NG products.

2. Real-time monitoring.

Real-time monitoring the state of all actions, signal, hardware, and show on the software interface.

3. Images and data real-time online display

Test data and images of many parts of the same battery is shown in the same software interface, convenient observation recognition.

4. Safety protection

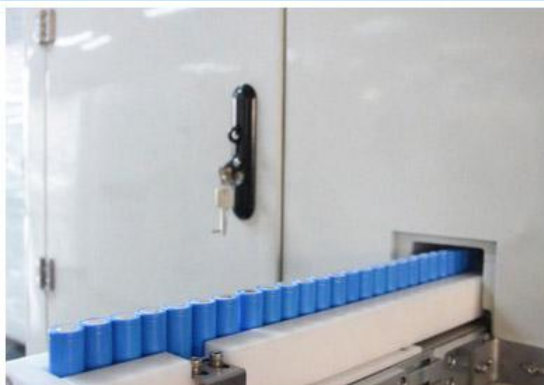
The whole equipment safety interlock, triple protection function, any part of the fuselage surface radiation meet safety standards.



Inspection Process

Test Process

INTENTIONS TO DO SERVICE
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Inlet

- Put the battery products in the chute feeder , and the battery products flows into the X-RAY test equipment with the belt
- The belt speed can be adjusted as required



Testing

The battery products automatic reach the station and be tested by the X-Ray inspection machine. After that battery products are sent to sorting station.



Sorting

The NG products are sorted to the NG collection box and the OK products are sorted to the belt.



Outlet

The OK Products with the feed belt go into the next process.



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Software Interface



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SPECIFICATIONS

Specifications of X -ray Inspection Machine XG5600/XG5610			
Item	Specifications	XG5600	XG5610
X-ray Tube	Tube Voltage	MAX 90 -110 KV	MAX 110KV
	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	54mm×48mm	20mm
	Analysis	20.8 lp/mm	75/110 lp/cm
	Resolution	1000*1124 pixels	2 million pixels
Detection Precision	Repeat accuracy	60μm	60μm
Efficiency	Detection speed	≥60ppm	≥130 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: 500G;	Display: 22" ; Processor: I5; Memory: 4G; Hard device: 500G;
	Dimension (L X W X H)	3800mm X 1600mmX1850mm	3000mm X 2500mmX1850mm
	Power	AC 220 V / 50 HZ,about 2500W	AC 220 V / 50 HZ,about 2500W
	Temperature & Humidity	25℃±3℃; RH 50% ± 10%	25℃±3℃; RH 50% ± 10%