

**X-ray Inspection Machine**  
**Model : XG5200D/XG5210D**



XG5200D



XG5210D

Product name	Automatic X-ray Inspection Machine
Brand Name:	ASIDA
Model Number:	XG5200D/XG5210D
Place of Origin:	China
Packaging Details:	Wooden Carton

**Brand : ASIDA**

**Model : XG5200D/XG5210D**

**Application battery : layer-built battery**

**Chinese invention patent : ZL200810028230.3**

## Usage

Lithium Battery X-ray Inspection Equipment XG5200 is mainly applied for layer-built battery.

X-ray penetrate through the inner of the battery with X-ray transmission principle. The machine automatic measure and sort the OK/NG products.OK products are transported into the next manufacturing process by the belt.

## 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.

### SPECIFICATIONS

Specifications of X-ray Inspection Machine XG5200D/XG5210D			
Item	Specifications	XG5200D(Layer-build battery cell)	XG5210D(Finished layer-build battery)
X-ray Tube	Tube Voltage	MAX 90 -110 KV(Option)	MAX 90KV
	Tube Current	MAX 89-455uA(Option)	MAX 89μA
	Focal Spot Size	5μm	5μm
	Cooling Mode	Strong wind cooling	Strong wind cooling
Image-forming System	Effective detection area	4"/6"	2"/4"
	Analysis	80 lp/cm	75/110 lp/cm
	Resolution	752*480pixels	1000*1124pixels
Detection Precision	Repeat accuracy	60μm	60μm
Efficiency	Detection speed	≥102PPM	≥18 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)	3000mm X 1800mmX1750mm	3000mm X 1800mmX1750mm
	Power	AC 220 V / 10 A,about 1500W	AC 220 V / 10 A,about 1500W
	Temperature & Humidity	25℃±3℃; RH 50% ± 10%	25℃±3℃; RH 50% ± 10%
Layer-build battery	Battery Length	80~250mm	50~250mm
	Battery Width	180~300mm	30~150mm
	Battery Thickness	5~25mm	5~16mm

