

## X-ray Inspection Machine

### (Model : XG5300 / XG5310)



Product name	Automatic X-ray Inspection Machine
Brand Name:	ASIDA
Model Number:	XG5300 / XG5310
Place of Origin:	China
Packaging Details:	Wooden Carton

**Brand :** ASIDA

**Model :** XG5300 / XG5310

**Application :** aluminum packing battery

## Usage

This product is mainly used in battery industry. X-ray penetrate the inner of battery with X-ray transmission principle. Automatic detect the internal structure and the coverage of the positive and negative of the battery. Automatically sorting OK/NG products.

## Application

The equipment is mainly used in the battery industry, use X-ray transmission principle, penetrate the battery internal, online detect internal structure and positive and negative pole alignment of the aluminum packing battery. Software automatic detect, automatic OK and NG Sorting.

(1)Online automatic X-ray inspection machine model XG5300:

Two sets of imaging system, on-line detection,automatic detection of aluminum packing battery tabs and alignment of positive and negative.

(2)Online automatic X - ray inspection machine model: XG5310

One set of imaging system, on-line detection analysis, on-line detection,automatic detection of aluminum packing battery tabs and alignment of positive and negative.

## Characteristics

### 1. Automatic detection

High automation, automatic loading,detection, sorting OK/NG products.

### 2. High efficiency

The machine is suitable for batch inspection with cam indexers controlling eight degrees turntable running in high speed and two sets of imaging system. Testing speed up to 60 PPM.

### 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. Quick changing model

Only replace jig if changing test products.

5.Data measurement and bar code binding: test value and pictures saved together, see the picture will be able to know the corresponding value; picture and battery Barcode are bonded, measurement data directly saved as WORD, EXCEL, TXT and other formats.

#### 6.Safety protection

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



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## SPECIFICATIONS

Specifications of X -ray Inspection Machine XG5300/XG5310		
X-ray Tube	Tube Voltage	MAX 90 KV
	Tube Current	200 uA (Software MAX 89uA)
	Focal Spot Size	5μm
	Cooling Mode	Strong wind cooling
Image-forming System	Field of View Range	2"/4"
	Resolution	75/110lp/cm
	X-CCD Resolution	1024*1024 pixels
Detection Precision	Repeat accuracy	60μm
Efficiency	Detection Efficiency	≥60ppm
	False Rate	≤2%
	Missing Rate	0.0%
	Qualified Rate	≥99.5%
Safety standard	International Radiation Safety Standards	≤1usv/hr
Others Parameters	Computer	Display: 22" ; Processor: I5; Memory: 4G; Hard device: 500G;
	Dimension	2500mm X 1550mmX1700mm
	Power	AC380 V / 50 HZ
	Temperature & Humidity	25℃±3℃,RH 50% ± 10%

