



Features

Single-view detection technology

1. The X-ray intelligent foreign matter detection system uses leading artificial intelligence technology and **AI-XSP imaging algorithm** to achieve high-precision and highly adaptable foreign matter and defect detection results, improving the quality of enterprise production.

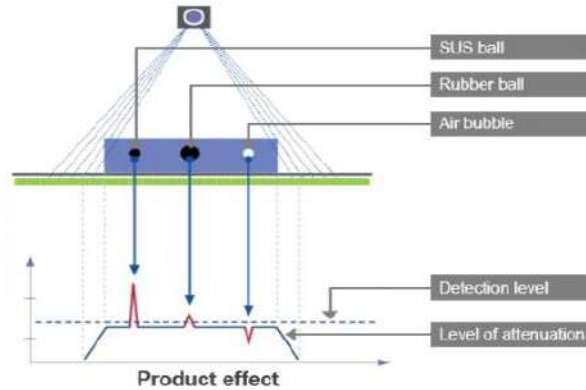
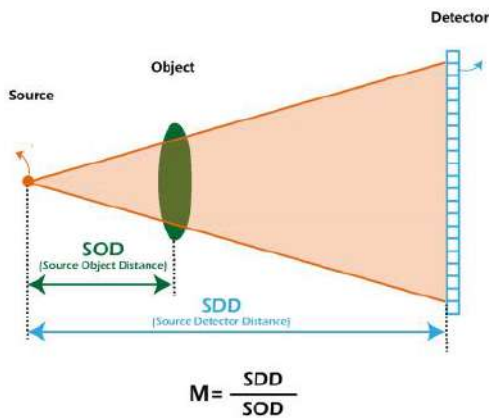
Efficiency enhancement provides effective technical support.

2. It is suitable for **bottled, canned and boxed products** transported in an upright manner. Equipped with high-power dual light sources, it supports small abnormalities such as metal, glass, stone, bone, and high-density rubber.

Intelligent detection of objects.

General specifications

Description	Specifications	Remark
Tunnel width	200mm	Customization
Tunnel Height	300mm	Customization
Machine Size	L188xW122xH219cm	Include signal light height
Machine Weight	380kg	
Material	Full SUS304	
Belt Material	Food grade PU belt	
Belt width	250mm	
Conveyor height to ground	800±50mm	Customization
Conveying Speed	30~50m/min	
Max loading weight	10kg	
X-ray tube voltage	60~120kv	Voltage adjustable, total power<480W
X-ray tube current	200-7500μA	
X-ray power	380W	
Fe/SUS etc. metal ball (Φ)	0.4mm	Inspection sensitivity
Fe/SUS etc. metal ball strip	0.4x2mm	
Glass ball (Φ)	1.0mm	
Ceramic ball (Φ)	1.0mm	
Algorithm support	Foreign object detection/defect detection	
Protection level	Transmission part : IP66	
	Other areas : IP54	
Tested product form	Bottles/cans/boxes	
Rejection	NG stop/automatically reject	Optional multiple rejection: pusher, arm, falling rejection
Alarm	Ring and light	
Display	21.5 touch screen	Resolution1920*1080
Cooling method	Industrial air conditioner	Thermostatic control/temperature via panel adjustable
Protection method	4 layers of protective curtains	
4 layers of protective curtains	<1μSv/h	
Voltage	AC110V/220V/230V,50/60HZ	The allowable voltage fluctuation range is Within ±10%
Temperature	-10~40°C	
Working humidity	30~90%RH	
Included interfaces		Ethernet, USB



Perfect intelligent recognition effect

The X-ray intelligent foreign matter detection system is widely used in the detection of foreign matter in bottled, canned, and boxed products transported in an upright manner, and can efficiently identify metal, glass, and stones contained in food and drugs and other malignant impurities. The ultra-high-resolution sensor is equipped with an AI modeling method and has strong adaptive capabilities, effectively eliminating background interference and leaving extremely small foreign objects with nowhere to hide. The equipment can also produce

Parallel detection of product defects, one machine with multiple uses, matching in multiple scenarios, a cost-effective choice.



The detection range has no blind spots

The X-ray intelligent foreign object detection system is equipped with high-power dual-ray sources and innovatively uses artificial intelligence technology. The detection area is not partitioned or shielded, achieving true detection without blind spots.

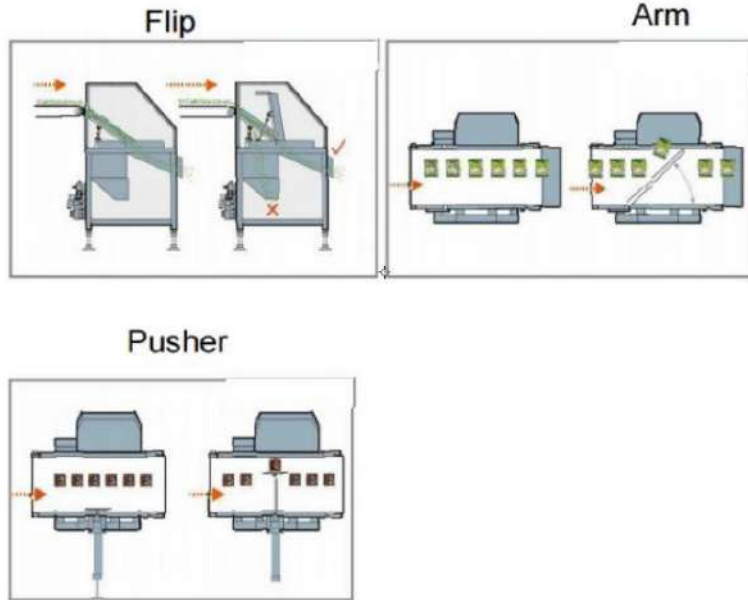


No debugging of equipment parameters

The X-ray intelligent defect detection system has excellent quality. It is not only easy to install and durable, but also has userfriendly software operation, guided configuration, simple operation, and you can get started in minutes.

It also supports parameter adaptation and is suitable for various complex production environments.

Rejection



Dimensions

