X-ray Inspection System

X-ray Inspection System takes advantages of the penetrating power of X-ray to detect contamination. It can achieve a full range of contaminants inspection including metallic, non-metallic contaminants (glass, ceramic, stone, bone, hard rubber, hard plastic, etc.). It can inspect metallic, non-metallic packaging and canned products, and the inspection effect will not be affected by temperature, humidity, salt content, etc.

Alarm lamp

Main power switch

USB and Ethernet ports

Military connecter

X-ray generator

HD touch screen

Industrial computer

Detector

X-ray locker

Air conditioner

Simple to Disassemble, Easy to Clean, and Reliable Security

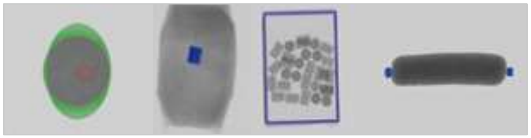
- Good environment adaptability
- Equipped with industrial air conditioner
- Completely sealed structure to avoid dust
- Environmental humidity can reach 90%
- Environmental temperature can reach -10~40℃

Excellent Product Applicability

- Up to eight grade image processing technology to achieve the best product adaptability and stability

Shielding Function

- Cans shielding
- Desiccant shielding
- Boundary shielding
- Sausage aluminum buckle shielding



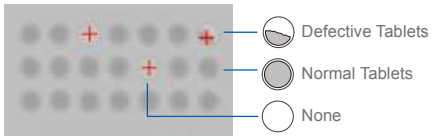
High Configuration of Hardware

- Spare parts are well-known imported brands to ensure the performance and service life of the machine

OMRON Panasonic CKD Schneider Electric PHILIPS MISUMI Pfannenberg VJ GROUP

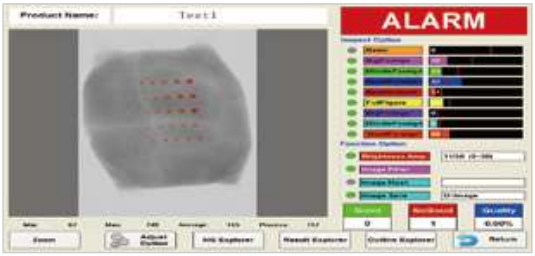
Defects Inspection Function

- The system will detect and inform tablet crack, tablet lacking, and tablet with contamination



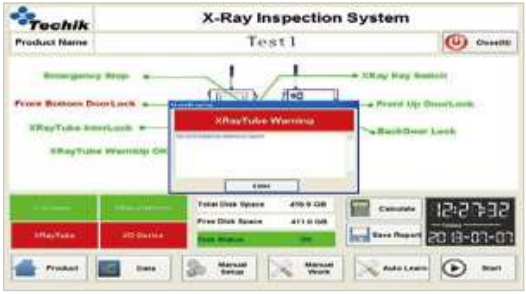
Excellent Operability

- 15-inch touch screen display, easy to operate,
- Auto-learning function. Equipment will automatically remember qualified product parameters
- Automatically save the product images, which is convenient for user's analysis and tracking



Comprehensive and Reliable Security

- X-ray leakage meets FDA and CE standards
- Perfect safe operation monitoring to prevent the leakage from mis-operation



X-ray Inspection System

Model	Standard TXR Series							
Standard	2480	4080	4080L	4080S	4080SL	4080SH	5080SH	6080SH
X-ray Generator	MAX.80kV, 150W	MAX.80kV, 210W		MAX. 80kV,350W				
Inspection Width	240mm	400mm					500mm	600mm
Inspection Height	100mm	160mm	100mm	160mm	100mm	220mm	250mm	300mm
Best Inspection Sensitivity (Without Product)	Stainless steel ball Φ0.3mm Stainless steel wire Φ0.2*2mm Glass/Ceramic ball Φ1.0mm					Stainless steel ball Φ0.4mm Stainless steel wire Φ0.2*2mm Glass/Ceramic ball Φ1.0mm		
Conveyor Speed	10-60m/min					10-40m/min		
Operation System	Windows 7							
Protection Method	Soft curtain							
X-ray Leakage	< 1 μSv/h (CE Standard)							
IP Rate	IP66 (Under belt)							
Working Environment	Temperature: -10~40℃							
	Humidity: 30-90% no dew							
Cooling Mode	Industrial air conditioning							
Rejecter Mode	Sound and light alarm, belt stop (Rejecter optional)							
Air Pressure	0.8 Mpa							
Power Supply	1.5kVA							
Main Material	SUS304							
Surface Treatment	Mirror polish / Sand blasting							

Note:

The technical parameter above namely is the result of sensitivity by inspecting only the test sample on the belt. The actual sensitivity would be affected according to the products being inspected.

Low-energy Consumption X-ray Inspection System

- Competitive price
- Good solution for product in metalized package

Model	TXR-2480C	TXR-4080C
X-ray Generator	MAX. 80kV, 80W	
Inspection Width	240mm	400mm
Inspection Height	100mm	160mm
Best Inspection Sensitivity (Without Product)	Stainless steel ball Φ0.4mm, Stainless steel wire Φ0.3*2mm Glass/Ceramic ball Φ1.5mm	
Conveyor Speed	10-45m/min	
Operation System	Windows 7	
Protection Method	Soft curtain	
X-ray Leakage	< 1 μSv/h (CE Standard)	
IP Rate	IP54 / IP66 (Under belt)	
Working Environment	Temperature: -10~40℃	
	Humidity: 30-90%, no dew	
Cooling Method	Industrial air conditioning	
Reject Mode	Sound and light alarm, belt stop (Rejecter optional)	
Air Pressure	0.8 Mpa	
Power Supply	1.5kVA	
Main Material	SUS304	
Surface Treatment	Mirror polish	

Note:

The technical parameter above namely is the result of sensitivity by inspecting only the test sample on the belt. The actual sensitivity would be affected according to the products being inspected.