

Оборудование для рентгеновского контроля пищевых продуктов X-ray TECHIK

Технические характеристики

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Food X-ray Inspection Equipment



Food X-ray Inspection Equipment 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 result will not be affected by temperature, humidity, salt content, etc.

Recommended use of X-ray inspection systems

1. Not only metal contaminants, but other non-metals such as stones, ceramic, glass as well.
2. Aluminum film packaged food and metallic packaged food
3. High salinity food, such as pickles which has strong product effect
4. Canned food
5. High requirements for the inspection of SUS
6. Defect detection, such as tablet defect.

Main Advantages:

TIMA platform

High Sensitivity and Accuracy
Low Energy Consumption and Low Radiation
Modularized Hardware Platform
High Level Hygienic Design
Excellent Image Processing Algorithm

High resolution detector

4-5 times better in exposure compared with standard 0.4mm detector
With high resolution detector, low power generator is required, higher sensitivity, longer service time, low radiation and maintenance cost.

High IP protection level

X-ray detector: IP67

Inspection tunnel: IP67

IP69K for meat and seafood products

Updated software

Intelligent software for plastic, shell etc

Auto-learning function

Remote-setting

User-friendly

Big touch screen

Multiple language

Automatic monitoring interface

Ethernet and USB port

Completed solution

Different configuration based on different requests

Various rejecter systems

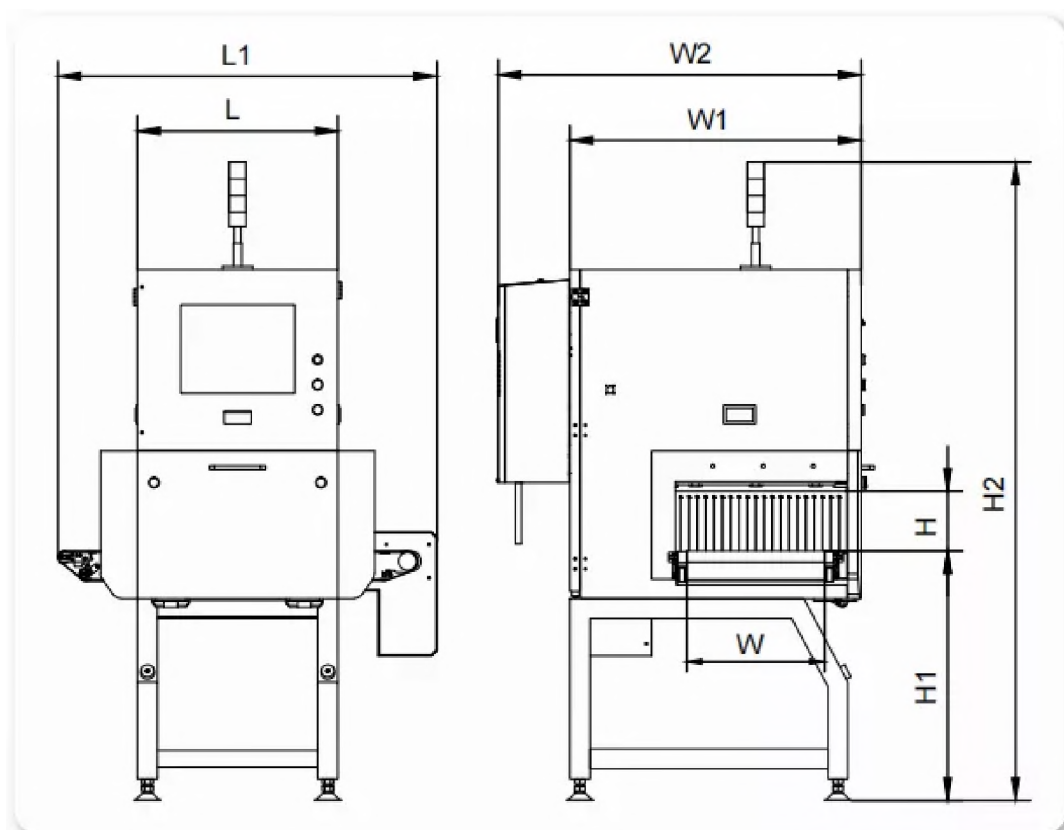
Parameters

Model	Standard TXR Series							
Standard	2480	4080	4080L	4080S	4080SL	4080SH	5080SH	6080SH
X-ray Tube	MAX.80kV, 150W	MAX.80kV, 210W		MAX. 80kV, 350W				
Inspection Width	240mm	400mm					500mm	600mm
Inspection Height	110mm	160mm	100mm	160mm	100mm	220mm	250mm	300mm
Best Inspection Sensitivity	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	5-60m/min					10-40m/min		
O/S	Windows 7							
Protection Method	Soft curtain							
X-ray Leakage	< 1 μSv/h (CE Standard)							
IP Rate	IP65 (Under belt)							
Working Environment	Temperature: -10~40℃							
	Humidity: 30-90% no dew							
Cooling Method	Industrial air conditioning							
Rejecter Mode	Sound and light alarm, belt stops (Rejecter optional)							
Air Pressure	0.6 Mpa							
Power Supply	1.5kW							
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.

External Dimensions



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