

Food and Pharmaceutical Industry Contamination Detection and Completeness Inspection Solution

Foreign Defects Detection
Package Completeness Inspection
Overall Management of Production Quality

- X Ray Inspection Solution
- Metal Detection



Innovation



High Efficiency



Cost Save



Good Service

About FjwxDetect



FJWXDETECT

Intelligent Identification and Detection Technology



Conducting the philosophy of developed and manufactured in China with world quality, FjwxDetect strictly adhere to high indicators and quality to help customers create more value, by providing international advanced intelligent detection technology and system solutions.

- National New Technology Enterprise.
- Focus on high-resolution intelligent identification and detection technology.
- Transformation of advanced technological achievements of China Institute of Atomic Energy.
- FjwxDetect core team has nearly 20 years of experience in the field of X-ray inspection.
- The company owns dozens of intellectual property rights.

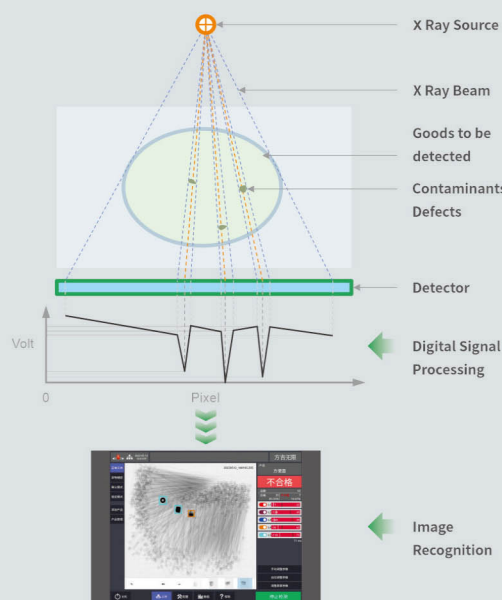
X-Ray Inspection Technology



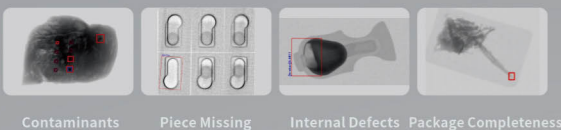
X-Ray systems are widely used in food and pharmaceutical industries to ensure product safety and quality. Using X-Ray systems, food contaminants, shape and composition of goods, packaging completeness, etc. will be detected and rejected, whether the goods are packaged, in bulk state, in bottles or in cans. Food contaminants such as metal, glass, stone, bone, hard plastic, resin, shell, etc. can be detected, which are not affected by temperature, humidity, salt, or aluminum foil packaging.



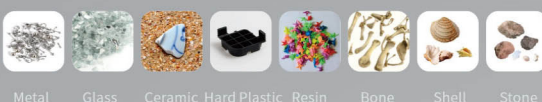
Principle of X Ray System



Detection of packaging, bulk goods, bottles, cans and other forms of food or pharmaceuticals



Multi contaminants can be detected

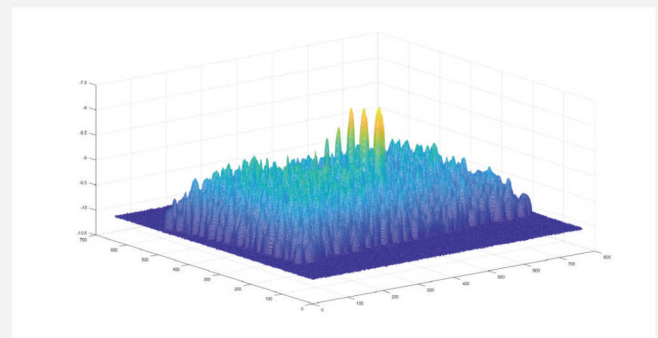
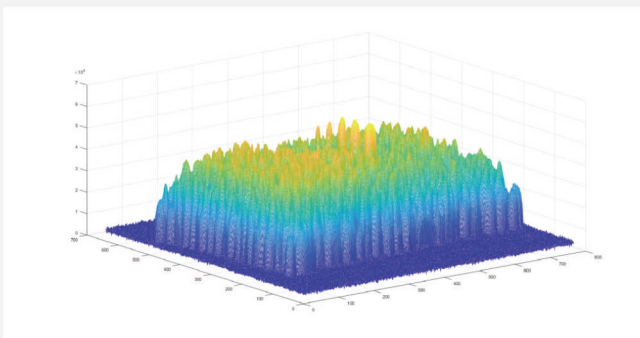


- ① Highly visible lamp stock
- ② 4G Antenna for remote support
- ③ Three X Ray condition indicator light
- ④ Lock Key
- ⑤ Radiation shield curtains
- ⑥ Conveyor
- ⑦ Safety Interlock Design



FjwxDetect has developed a highly sophisticated detection algorithm platform, to meet the HIGH-RESOLUTION detection requirements of the food and pharmaceutical industry.

The system is based on neural network. Using dynamic features recognition method, it adopts the best algorithm parameters automatically to detect really small contaminants in goods.



Safety

- Transformation of technical achievements of China Atomic Energy Institute.
- Three-dimensional simulation verification of X-ray space radiation leakage.
- Integrated multiple optical motor mechanical safety interlock.



Intelligent

- Based on AI neural network model.
- Highly sophisticated algorithm platform.
- Fully automatic learning process, user-friendly.
- Preset standard AI algorithm, complete training in 15 seconds.
- Customized AI algorithm can be selected to improve detection accuracy.
- Wireless networking function, support remote technical support.



Stability

- Server - level Linux system, natural virus immunity
- High reliable design of industrial grade component machine ensures long-term stable operation
- Fully enclosed design for food and drug environments
- Double layer thermal cycle and anti-condensation module

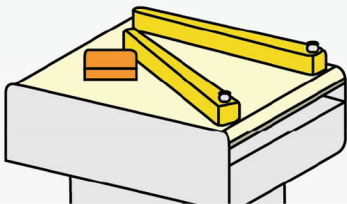


Models

Package	Products	Models
	Candy, instant noodles, cold drinks, frozen food, ham, beans and other small packaged food.	FJ-T2412-SE
	Candy, instant noodles, cold drinks, frozen food, ham, beans and other medium-sized packaged food.	FJ-T4016-SE
	Food in cases.	FJ-T6030-SE
	Nuts, beans, biscuits, tea, vegetables, meat and other bulk food.	FJ-B4010-SE
	Winter jujube and other round granular bulk food, or food with high yield requirements.	FJ-B4010-SS
	Fish without thorns.	FJ-F4010-SE
	Milk powder, chicken essence, seasoning and other bottles of solid.	FJ-J2253-SE
	Dairy products, cans, drinks, beverages and other bottles of liquid.	FJ-J2253-DE
	Sealing and clamping food with aluminum film packaging.	FJ-CU4016-SE
	Baking food.	FJ-BR4016-SE

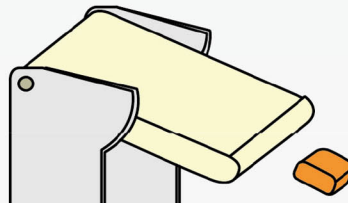
Type of Rejectors

Swing



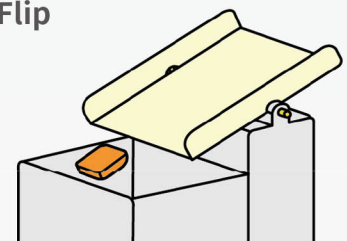
Use left and right swinging arm to sort the product under test, suitable for thicker products.

Drop



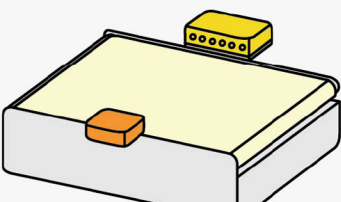
Use up and down swinging conveyor to sort the products under test, suitable for lighter products.

Flip



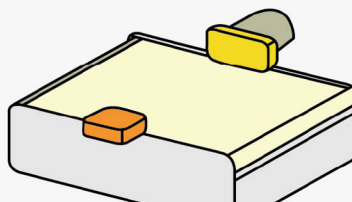
Use an up-and-down flip plate to sort the product under test, suitable for bulk food.

Air



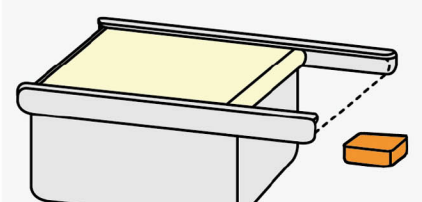
Use high pressure air to separate the tested products, suitable for light food or bulk food

Push



The push rod driven by the cylinder is used to sort the product under test, which is suitable for medium and large packaging products.

Stretch



Use a telescopic conveyor to sort the product under test, suitable for small packaging or sticky bulk food.

For Packaged Goods



FjwxDetect X-ray standard foreign body detection system includes a variety of models, which can achieve accurate and reliable foreign body detection for packaging products with different specifications, such as, medium and so on. The system is in products, medicines and chemicals.

It has been applied in many different fields, and the detection result will not be affected by temperature, humidity, salt or aluminum foil packaging, and can effectively detect packaging products.

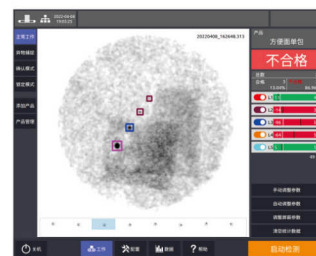
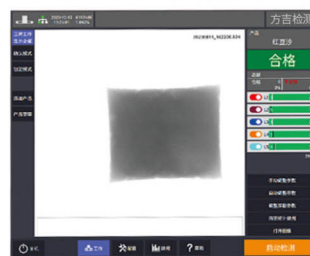
Metal, glass, ceramics, hard rubber, resin, head, shell, and other foreign bodies, to help enterprises effectively improve the stability of production quality.



FJ-T2412-SE
FJ-T4016-SE
FJ-T5025-SE
FJ-T6030-SE
FJ-T7040-SE

Advantages

- Based on the advanced algorithm platform, the precision detection can be realized.
- The standard AI algorithm is simple and intelligent, requiring any experience, and can quickly add new products according to the guided learning.
- Customized AI algorithms are suitable for special products, and standard algorithms and customized algorithms can be tested together.
- Step up the detection accuracy;
- According to the product form, a variety of elimination methods can be selected to accurately eliminate unqualified products.
- 4G cable connection, remote fast technology, dynamic push equipment failure;
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss;
- The conveying system and the main machine can be separated, and can be directly washed and cleaned;
- It is superior to the international radiation safety standards and specifications, and has the function of safety interlock monitoring.



Application

- Snacks
- Meat
- Dairy Food
- Baked and Steamed Food
- Frozen Food
- Sauces and condiments



Contaminants

Metals, Glass, Ceramic, Hard Plastic, Resin, Bones, Shells, etc.

Specification

Model	FJ-T2412-SE	FJ-T4016-SE	FJ-T5025-SE	FJ-T6030-SE	FJ-T7040-SE
X Ray Source	150W	210W	210W/350W	350W	350W/480W
Detection Sensitivity	SUS Ball : 0.3mm SUS Wire : 0.2*2mm Ceramic/Glass Ball : 1.0mm	SUS Ball : 0.3mm SUS Wire : 0.2*2mm Ceramic/Glass Ball : 1.0mm	SUS Ball : 0.3mm SUS Wire : 0.2*2mm Ceramic/Glass Ball : 1.0mm	SUS Ball : 0.3mm SUS Wire : 0.2*2mm Ceramic/Glass Ball : 1.0mm	SUS Ball : 0.5mm SUS Wire : 0.4*2mm Ceramic/Glass Ball : 1.5mm
Operating System	Linux System				
Interface	17 inch Touch Screen				
Conveyor Speed	5~60 m/min				
Products Weight	Max 5kg	Max 10kg	Max 20kg	Max 30kg	Max 40kg
Aperture Dimension	Max Width 240mm Max Height 120mm	Max Width 400mm Max Height 160mm	Max Width 500mm Max Height 250mm	Max Width 600mm Max Height 300mm	Max Width 700mm Max Height 400mm
Power	AC220V, 50-60Hz				
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation				
IP Grade	Conveyor IP66, Other parts IP40				
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted				

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

For Thin Packaged Goods | 100W X Ray Source



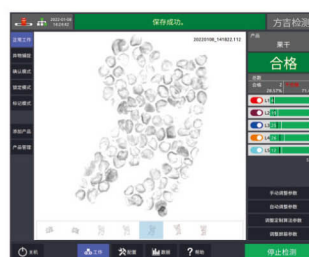
The low-power model of FjwxDetect X-ray standard foreign body detection system is mainly designed for packaging products with small and thin specifications to achieve high-precision and high-reliability foreign body detection. The systems are widely applied in various fields such as food, medicine and chemical industry. It is not affected by temperature, humidity, salt or aluminum foil packaging, and can effectively detect metal, glass, ceramic, hard rubber, resin, bone, shell, stone and other foreign bodies in packaging products, helping manufacturers to effectively improve the stability of production quality.



FJ-T3915-SC

Advantages

- Based on the advanced XDET vision algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- Standard AI algorithm is simple and intelligent, without any experience, according to the wizard automatic learning can quickly add new products; Customized AI algorithm is suitable for special products.
- Standard algorithm and customized algorithm can detect in parallel to further improve the detection accuracy.
- Using lightweight culler, small size, wide applicability; 4G network wireless connection, remote and fast technical support, automatic push device failure.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- The conveying system and main machine can be split, can be washed directly, clean and sanitary.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application

For small and thin packaged goods

- Snacks
- Sauce and condiments



Contaminants

Metals, Glass, Ceramic, Hard Plastic, Resin, Bones, Shells, etc.

Specification

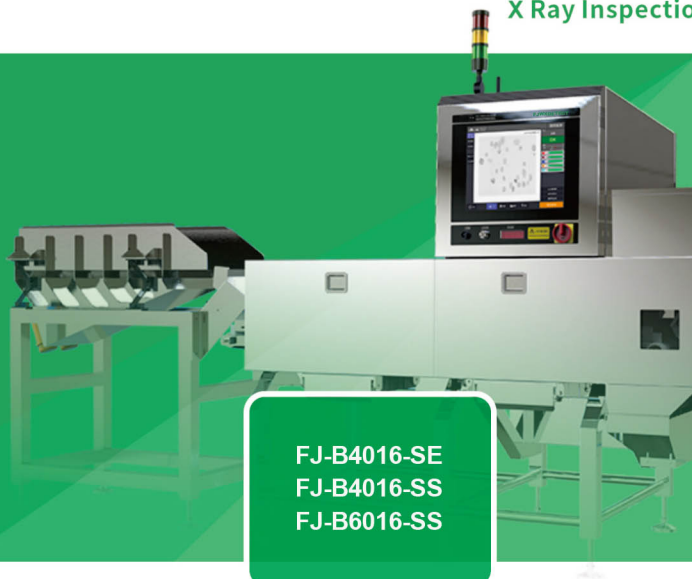
Model	FJ-T3915-SC
X Ray Source	100W
Detection Sensitivity	SUS Ball : 0.5mm, SUS Wire : 0.4*2mm, Ceramic/Glass Ball : 1.0mm
Operation System	Linux System
Interface	17 inch touch screen
Conveyor Speed	5~60 m/min
Products Weight	Max 5kg
Aperture Dimension	Max Width 390mm, Max Height 150mm
Power	AC220V, 50-60Hz
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation
IP Grade	Conveyor IP66, Other parts IP40
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

For Bulk Goods



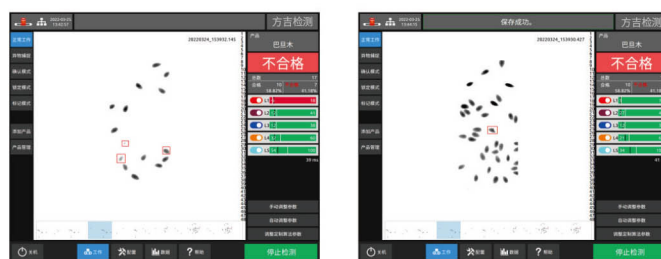
Comprehensive detection of foreign bodies and defects before packaging of bulk materials can effectively detect a variety of foreign bodies such as metal, glass, ceramic, hard rubber, resin, bone, shell, stone, as well as product defects such as wormholes and debris, helping manufacturers to effectively improve the stability of production quality.



FJ-B4016-SE
FJ-B4016-SS
FJ-B6016-SS

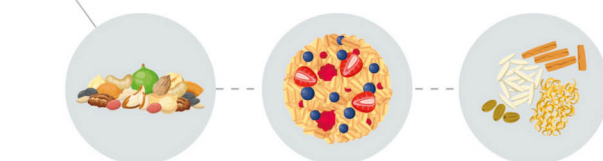
Advantages

- Based on the advanced algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- Standard AI algorithm is simple and intelligent, with the automatic learning operators can add new products fast.
- Customized AI algorithm is suitable for special products. Standard algorithm and customized algorithm can detect together to further improve the detection accuracy.
- The main engine is integrated with 48-96 way array injection valve, which can accurately eliminate and reduce the good products out.
- 4G network wireless connection, remote and fast technical support.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- The conveying system and main machine can be split, can be washed directly, clean and sanitary.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application

- Nuts
- Tea leaves
- Fruit and veges
- Herbs
- Multi-grain beans
- Tabacco leaves
- Spices



Contaminants

Metals, Glass, Ceramic, Hard Plastic, Resin, Bones, Shells, etc.

Specification

Model	FJ-B4016-SE	FJ-B4016-SS	FJ-B6016-SS
X Ray Source	210W/350W		
Detection Sensitivity	SUS Ball : 0.3mm, SUS Wire : 0.2*2mm, Ceramic/Glass Ball : 1.0mm		
Operation System	Linux System		
Interface	17 inch touch screen		
Conveyor Speed	5~110 m/min		
Products Weight	Max 10kg		
Aperture Dimension	Max Width 400mm, Max Height 160mm	Max Width 400mm, Max Height 160mm	Max Width 600mm, Max Height 160mm
Power	AC220V, 50-60Hz		
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation		
IP Grade	Conveyor IP66, Other parts IP40		
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted		

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

For Goods in Bottle



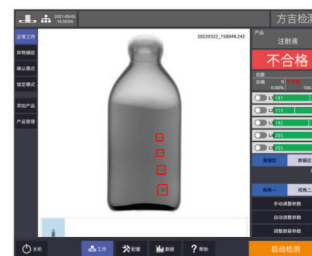
Comprehensive detection of foreign bodies for canned, boxed and bottled products transmitted upright can effectively detect and eliminate defective products containing metal, glass, ceramic, hard rubber, resin, bone, shell, stone and other foreign bodies.



FJ-J1623-SC
FJ-J1825-SE

Advantages

- Based on the advanced algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- Standard AI algorithm is simple and intelligent, without any experience, according to the wizard automatic learning can quickly add new products.
- Customized AI algorithm is suitable for special products. Standard algorithm and customized algorithm can detect in parallel to further improve the detection accuracy.
- The main engine is integrated with fast pneumatic push rod, and the high-speed production line can be accurately excluded.
- 4G network wireless connection, remote and fast technical support.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- Conveyor system adopts belt or chain plate structure, flexible adaptation to the field production line.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application

- Packed goods delivered upright
- Canned and boxed products



Contaminants

Metals, Glass, Ceramic, Hard Plastic, Resin, Bones, Shells, etc.

Specification

Model	FJ-J1623-SC	FJ-J1825-SE
X Ray Source	210W/350W	
Detection Sensitivity	SUS Ball : 0.3mm, SUS Wire : 0.2*2mm, Ceramic/Glass Ball : 1.0mm	
Operation System	Linux System	
Interface	17 inch touch screen	
Conveyor Speed	5~80 m/min	
Products Weight	Max 10kg	
Aperture Dimension	Max Width 160mm, Max Height 230mm	Max Width 180mm, Max Height 250mm
Power	AC220V, 50-60Hz	
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation	
IP Grade	Conveyor IP66, Other parts IP40	
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted	

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

For Goods in Bottle | Dual View



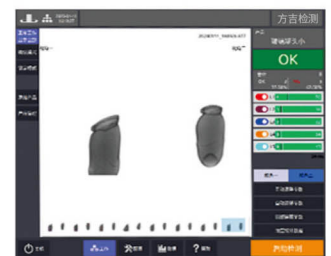
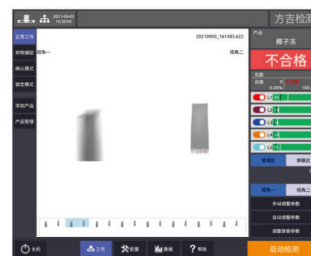
Comprehensive detection of foreign bodies for canned, boxed and bottled products transmitted upright can effectively detect and eliminate defective products containing metal, glass, ceramic, hard rubber, resin, bone, shell, stone and other foreign bodies. For high-demand products, dual view synchronous imaging technology is used to reduce blind areas and improve detection rate.



FJ-J2253-DE

Advantages

- Dual ray source and dual detection box synchronous imaging, eliminate detection blind areas, foreign bodies at the bottom of the bottle can also be detected and identified.
- Based on the advanced algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- Standard AI algorithm is simple and intelligent, with the wizard automatic learning operators can quickly add new products.
- Customized AI algorithm is suitable for special products. Standard algorithm and customized algorithm can detect together to further improve the detection accuracy.
- The main engine is integrated with fast pneumatic push rod, and the high-speed production line can be accurately excluded;
- 4G network wireless connection, remote and fast technical support.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- Conveyor system adopts chain plate structure, flexible adaptation to the field production line.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application

- Packed goods delivered upright
- Canned and boxed products



Contaminants

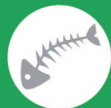
Metals, Glass, Ceramic, Hard Plastic, Resin, Bones, Shells, etc.

Specification

Model	FJ-J2253-DE
X Ray Source	350W/480W
Detection Sensitivity	SUS Ball : 0.3mm, SUS Wire : 0.2*2mm, Ceramic/Glass Ball : 1.0mm
Operation System	Linux System
Interface	17 inch touch screen
Conveyor Speed	5~80 m/min
Products Weight	Max 10kg
Aperture Dimension	Max Width 220mm, Max Height 530mm
Power	AC220V, 50-60Hz
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation
IP Grade	Conveyor IP66, Other parts IP40
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

Fish Bone Detect



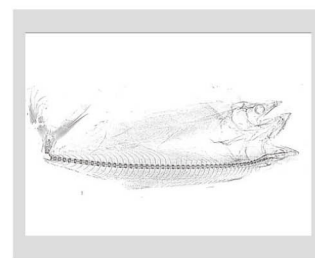
Aiming at the removal of residual fish bones in fast-frozen and deep-processed fish products, the FJ-F4016-SE system is introduced to detect and remove fish bones and enhance fish bones, and automatically push the image to the dual-station HD large screen. With the help of workers' online work, the removal of fish bones can be efficiently completed, making "zero" fish bones.



FJ-F4016-SE

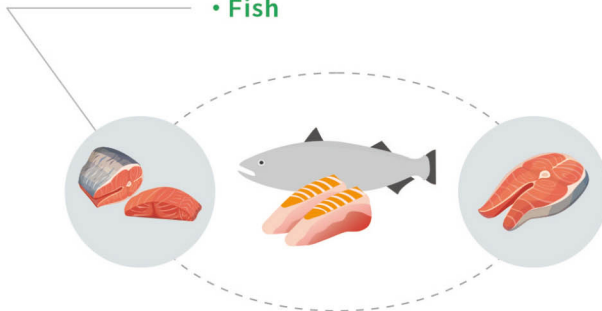
Advantages

- Based on the advanced algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- The specially developed fishbone enhancement algorithm can flexibly adjust the fish culling ratio, and the fishbone positioning is more accurate.
- Configuration of double station automatic image distribution function, to achieve twice the capacity of single station models.
- Simple and intelligent, the system is easy to maintain and debug, the operator can quickly set the system to achieve the best detection effect.
- 4G network wireless connection, remote and fast technical support.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- The conveying system and main machine can be split, can be washed directly, clean and sanitary.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application

• Fish



Specification

Model	FJ-F4016-SE
X Ray Source	350W
Detection Sensitivity	SUS Ball : 0.2mm, SUS Wire : 0.1*2mm, Ceramic/Glass Ball : 1.0mm
Operation System	Linux System
Interface	17 inch touch screen
Conveyor Speed	5~60 m/min
Products Weight	Max 10kg
Aperture Dimension	Max Width 400mm, Max Height 100mm
Power	AC220V, 50-60Hz
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation
IP Grade	Conveyor IP66, Other parts IP40
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

Sealing and Clamping Detect



In the production process of aluminum film packaging products, in addition to various kinds of conventional foreign bodies may be mixed into the food, in the packaging process, there may be defects such as lax packaging leading to oil leakage of the material at the seal. Such defects may lead to premature deterioration of the food and cause food safety problems if it is eaten by consumers. In view of the requirements of sealing clamp oil leakage detection, Weisenware has developed a special detection system solution, which can not only detect the foreign matter that may be included in the product, but also simultaneously detect the packaging defects such as oil leakage of the clamping material at the seal, so as to help manufacturers effectively improve the stability of production quality.



FJ-CU4016-SE

Advantages

- Multi-purpose, foreign body detection and product packaging defect detection synchronously.
- Based on the advanced algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- Standard AI algorithm is simple and intelligent, without any experience, according to the wizard automatic learning can quickly add new products.
- Customized AI algorithm is suitable for special products. Standard algorithm and customized algorithm can detect in parallel to further improve the detection accuracy.
- 4G network wireless connection, remote and fast technical support.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- The conveying system and main machine can be split, can be washed directly, clean and sanitary.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application

- Snack food packed in thick aluminum film



Contaminants

It can detect the foreign matter in the product, and also can simultaneously detect the packaging defects such as oil leakage of the material at the seal.

Specification

Model	FJ-CU4016-SE
X Ray Source	350W
Detection Sensitivity	SUS Ball : 0.3mm, SUS Wire : 0.2*2mm, Ceramic/Glass Ball : 1.0mm
Operation System	Linux System
Interface	17 inch touch screen
Conveyor Speed	5~60 m/min
Products Weight	Max 10kg
Aperture Dimension	Max Width 400mm, Max Height 160mm
Power	AC220V, 50-60Hz
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation
IP Grade	Conveyor IP66, Other parts IP40
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

Bone Detect | Dual Energy



In the process of chicken breast production, it is difficult to detect the residual bone residue and cartilage, which are small and close to the meat quality. In order to prevent such products from flowing into the consumer market and causing food safety risks, before the chicken breast packaging, the X-ray foreign body detection system FJ-B4016-BE, which is special for the detection of chicken breast bone residues, can be used to detect the foreign bodies of bone residues and bone residue in the chicken breast online, and at the same time detect other conventional foreign bodies that may be mixed in the production, so as to ensure food safety.



FJ-B4016-BE

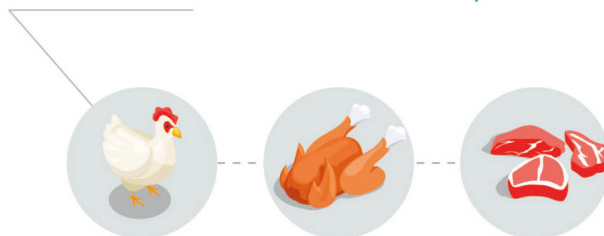
Advantages

- Online detection, the dual-energy detection algorithm developed for chicken breast can effectively distinguish between chicken and bone ingredient.
- Multi-purpose of the machine, it can simultaneously detect metal, ceramic, glass, stone, rigid plastic and other foreign bodies in chicken bone residues.
- High detection accuracy, based on the micro-XDET patent algorithm platform, to achieve accurate positioning and identification.
- Special conveyor for meat products is adopted to eliminate secondary pollution.
- 4G network wireless connection, remote and fast technical support.
- Simple and intelligent, the system is easy to maintain and debug.
- Server-level Linux system, computer virus immunity, no data loss after abnormal power outage.
- The conveying system and main machine can be detachable, and can be washed directly, clean and hygienic.
- Better than the internationally accepted radiation safety standards and specifications, with safety interlock monitoring function.



Application

- Detest small bones in meat products



Specification

Model	FJ-B4016-BE
X Ray Source	350W
Detection Sensitivity	SUS Ball : 0.2mm, SUS Wire : 0.1*2mm, Ceramic/Glass Ball : 1.0mm
Operation System	Linux System
Interface	17 inch touch screen
Conveyor Speed	5~60 m/min
Products Weight	Max 10kg
Aperture Dimension	Max Width 400mm, Max Height 100mm
Power	AC220V, 50-60Hz
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation
IP Grade	Conveyor IP66, Other parts IP40
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.

For Baking Goods



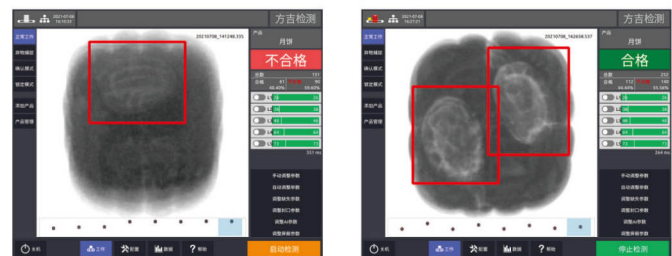
In view of the product defects and quality problems that may occur in the automated production of mooncakes and other foods containing fillings, such as the wrong amount of egg yolk in double yellow mooncakes, Fangji has developed an innovative X-ray detection system FJ-BR4016-SE, which can detect whether the products contain foreign bodies and detect the defects of the products themselves. Micro defect detection technology directly hit the industry pain points, help food production enterprises to ensure stable food quality.



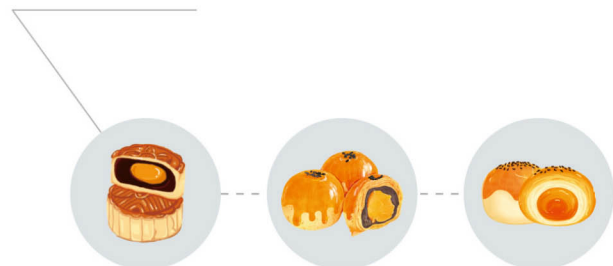
FJ-BR4016-SE

Advantages

- Multi - use of one machine, foreign body detection and product internal defect detection synchronization.
- Based on the advanced algorithm platform of FjwxDetect, excellent high-precision detection can be achieved.
- Standard AI algorithm is simple and intelligent, without any experience, according to the wizard automatic learning can quickly add new products;
- Customized AI algorithm is suitable for special products. Standard algorithm and customized algorithm can detect in parallel to further improve the detection accuracy.
- Adopt the trapezoidal conveyor structure for baking products.
- 4G network wireless connection, remote and fast technical support.
- Server-level Linux system, computer virus immunity, abnormal power failure without data loss.
- It is superior to the internationally accepted radiation safety standard and has the safety interlock monitoring function.



Application



Contaminants

In addition to the detection of foreign bodies in the product, can simultaneously detect the number of egg yolk product defects.

Specification

Model	FJ-BR4016-SE
X Ray Source	210W
Detection Sensitivity	SUS Ball : 0.3mm, SUS Wire : 0.2*2mm, Ceramic/Glass Ball : 1.0mm
Operation System	Linux System
Interface	17 inch touch screen
Conveyor Speed	5~60 m/min
Products Weight	Max 10kg
Aperture Dimension	Max Width 400mm, Max Height 160mm
Power	AC220V, 50-60Hz
Temperature/Humidity	Environment temperature 0~45°C, Humidity 30~85% no condensation
IP Grade	Conveyor IP66, Other parts IP40
Machine Material	Mirror/Brushed 304 stainless steel/Sandblasted

Remarks: The most detectable foreign body ruler is closely related to the material composition, packaging material, thickness and other parameters in the product. In the actual production environment, please refer to the actual product test results. The international standard tests that the ceramic glass is 1.0mm at most, and the actual accuracy of empty glass ceramics will be better than this standard.



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