



Key Features of X-Ray Inspection Machine

- 500 W / 80 kV X-ray source with a 0.1 mm TDI detector.
- Detects SUS304 Ø0.3 mm, SUS wire Ø0.2 × 2 mm, glass and ceramic Ø0.8 mm.
- Detects 0.3 × 5 mm catfish bones in a 300 g fish fillet.
- AI detects missing items, deformation, breakage, and sealing defects.
- Integrated weight checking, image storage, and product traceability.
- Supports automatic learning and manual parameter adjustment.

General specifications

Physical Specifications

Best Inspection Ability without Product	0.3*0.3*0.3mm(SUS304 ball) 0.2*2mm(SUS wire) 0.8mm (Glass Ball) 0.8mm(Ceramic)
X-ray tube	MAX.500W/80kV (Beryllium Window)
Detector	0.1mm TDI detector
Max Detecting Height	160mm
Max Detecting Width	400mm
Speed	10-90m/min
Max Load	15kg
Working Direction	Left to Right
Conveyor Height	750+100mm
Screen	Full-color TFT 15" Touch Screen
O/S	Windows 7/10
Connectivity	LAN port, USB port
Product Management	Complete product log
Parameter Adjustment	Auto learning/Manual setting
Image Management	Auto image save/print/analyses
Power Supply	220V, AC, 50/60Hz
Body Material	SUS304
Cooling method	Air conditioned cooling
Operation temperature	0-40°C
Operation humidity	30-90%
IP Rating	IP66 for under tunnel (including tunnel) IP65 for above tunnel
X-ray emissions	< 1microsievert per hour
X-ray protection	Protective Curtain
Rejector	Alarm and Conveyor Stop

Benefits

- Detects metal, glass, ceramic, and fish bones.
- Integrates contaminant detection, weight checking, and defect inspection.
- Reduces manual inspection and quality risks.
- Identifies products trapped in heat-sealed areas.
- Enables traceability through automatic image and data storage.
- SUS304 construction ensures easy cleaning and reliable operation.



Applications



**Fish Fillets &
Seafood Products**



**Instant Noodle
Bags & Cups**



**Pho Bowls &
Convenience Foods**



**Ice Cream
Sticks & Cones**



**Multipack Cartons
& Boxed Products**

- Fish fillets and seafood products.
- Instant noodle bags and cups.
- Pho bowls and packaged convenience foods.
- Ice cream sticks and cones.
- Multipack cartons and boxed food products.
- Packaged products requiring contaminant detection, weight checking, completeness verification, and defect inspection.

