MTC-98XPRO

Sealing Detection X-ray

General Specifications

Best Inspection Ability without Product	ø0.1mm(SUS304 ball) ø0.1*2mm(SUS wire) ø0.8mm (Glass Ball) ø0.8mm(Ceramic) ø2.0mm(Plastic) ø0.3*5mm (Bones)
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	IP67 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

Key Features of X-Ray Inspection Machine

- 500 W / 80 kV X-ray source with a 0.1 mm TDI detector.
- Intelligent AI features automatically detect defects such as missing products in cartons, product deformation, missing seasoning packets in instant noodle packages, sealing-edge defects, and lean meat percentage.
- Integrated weight checking, image storage, and product traceability.
- Supports automatic learning and manual parameter adjustment.

Benefits

- Detects metal, glass, ceramic, plastic and fish bones.
- Reduces manual inspection and quality risks.
- Enables traceability through automatic image and data storage.
- SUS304 construction ensures easy cleaning and reliable operation.

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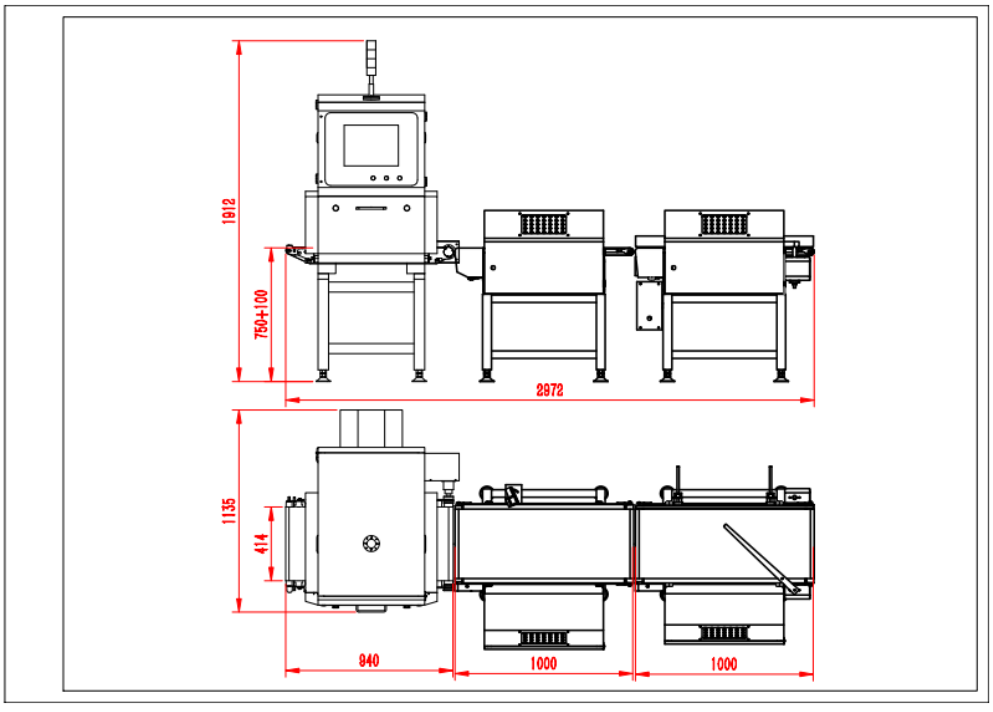
Applications

- 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.



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