



General specifications

PHYSICAL SPECIFICATIONS

X-Ray Tube	40-120KV
Aperture Size	Width: 180mm Height: 250mm
Working Speed	10-100m/min
Sensitivity	Stainless Steel Ball: $\Phi 0.3\text{mm}$ Stainless Steel Wire: $\Phi 0.2 \times 2\text{ mm}$ Ceramic: $\Phi 1.0\text{mm}$ Glass: $\Phi 1.0\text{mm}$
Operation	17-inch colored touch screen, Windows System
X-Ray Leakage	< $1\mu\text{Sv}$ per hour
Protection	Protection Cabin
Transport Direction	Left to Right (Right to left optional)
Support data interface	LAN Port, USB Port
Power Supply	AC220V $\pm 10\%$ 50Hz/60Hz, 1.5KVA Max
Rejector	Sound and indicator/belt stopping/rejector
Waterproof Level	IP66 for tunnel, IP54 for rest part
Operating Requirement	Temperature: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$, Humidity: 30% ~ 95%
Main Structure	SUS304 Stainless Steel

*Remarks:

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

Application:

Bottled and canned drinks, formula milk, bottled seasoning, etc



Product highlights

- Beam side irradiation detection method, large penetration area, improves detection accuracy.
- Metal and non-metallic foreign body detection, and liquid level detection of canned and bottled products.
- Remote assistance is available to solve problems and improve efficiency.

Safe and Reliable

- X-Ray leakage is less than $1\mu\text{ Sv/hour}$, complying with FDA and CE standards.
- Radiation less than 1 Gy, very safe for food.
- We designed a wholly shielded structure to prevent X-ray leakage accidents

User Friendly

- Auto-analysis on the inspected products, simple to set up inspecting parameters.
- 17 inches full-color touch screen, easy to use.
- Auto-save inspection images, easy to track and control.
- Data can be stored for up to 1 year, exported in a .xls file, and saved to a USB flash disk.
- Multiple Languages available

Easy Maintenance

- The conveyor is easy to disassemble.
- Waterproof washdown construction, IP66 for detecting tunnel, IP54 for rest of the body.
- High-quality air-conditioners ensure the machine can work in low and high temperatures in the food industry.
- Sealing system to avoid water and dust.

Detected Foreign Objects Examples



Drawing

