

FX2000

X-RAY CONTAMINANT INSPECTION SYSTEM



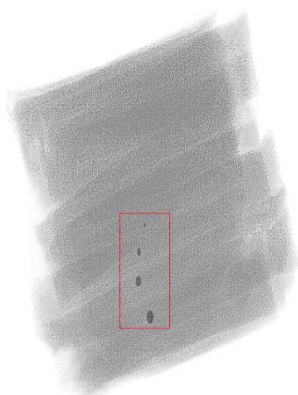
Introduction

FX2000 X-ray Contaminant Inspection System is specially designed to detect the contaminants in packaging foods. It can automatically detect metal and non-metallic (stone, glass, bones, etc.) foreign objects and defects in food with advanced image processing algorithms.

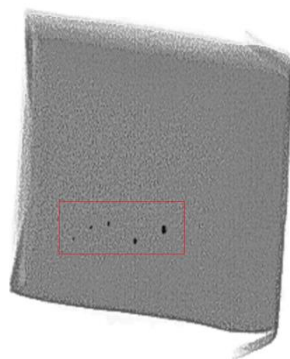
The system has a tunnel opening of 400mm wide by 170mm high which covers a wide range of packaging foods, and can integrate with kinds of automatic sorting devices. It is the best solution for food, chemical, pharmaceutical and other industries.

Technical Features

- Automatic detection and sorting of contaminated and defective foods.
- Shielding function to mask areas that may cause false alarm.
- System parameters auto-set.
- X-ray image automatic storage.
- X-ray leakage is less than $1\mu\text{Gy/h}$ (5cm from the housing), reliable safety protection.
- User-friendly 19" full color touch screen for easy operation.
- Integrated industrial air conditioning, with flexible environmental adaptability.
- Fully airtight and dustproof, tunnel waterproof is up to IP66.
- Food grade belts and curtains, easy to disassemble and clean.



Ceram in boxed milk



Steel balls in bags of powdered milk

Technical Specifications

General Specifications

Tunnel Dimensions	400mm(W) x 170mm(H)
Conveyor Speed	10 ~ 70 m/min (adjustment)
Conveyor Height	750mm (adjustment)
Max. Load	5kg
Display Monitor	19" LCD touch screen

Miscellaneous Parameters

X-ray Generator	50kV (rated)
Degree of Protection	IP66 (tunnel)
X-ray Leakage	Less than 1 μ Gy/h (5cm from the housing), complying with all published international standards
Interface Type	LAN, USB

Installation Data

Dimensions	960mm(L) x 1040mm(W) x 1740 mm(H)
Weight	267kg
Power Supply	100~ 240VAC (-15% ~ +10%), 50/60Hz \pm 3Hz
Power Consumption	1.5KVA
Operating Temperature	-10°C ~ +50°C(with industrial air-conditioning)
Operating Humidity	30% ~ 85% (non-condensing)

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