



High Efficiency

- It adopts high-speed transmission channel for automatic
- Specially designed to detect metal and non-metal contaminants in large cartons and bulk packages, including multiple products simultaneously, with a maximum weight of up to 30 kg (depending on the product).
- Suitable for industries such as garments, footwear, handbags, food, and agricultural products - even when the products contain metal accessories or are packaged in aluminum.
- Maximum carton size that can be inspected: 1000x650x500mm(LxWxH)
- Special structure design for big package (carton, box, bag), high price-performance ratio
- Best solution for metal contaminant inspection in big aluminum packages.



**Large Carton
Detection Size:**
80 × 50 × 40 cm

**Ideal for inspecting
bulky garment packages.**

General Specifications

Best detection accuracy	Stainless steel SUS304 ball: $\phi 0.5\text{mm}$, ceramic ball: $\phi 0.8\text{mm}$, glass: $\phi 1.5\text{mm}$
Tunnel size	650mm (width) × 500mm (height), same detectable area
Maximum carton size that can be inspected	1000x650x500mm (LxWxH)
Conveyor belt speed	0.2 m/s
Belt bearing capacity	30kg
Parameter setting	Self learning / manual adjustment
Inspected items packing	in bag or box
Alarm	Sound and light and points showing on the monitor
Optional rejecter	NG shutdown, push rod, to be customized
Conveyor height	699 mm
Radiation leakage	less than $1.0\mu\text{Gy/h}$ at any point 5 cm outside the external surface
Cooling method	Industrial air conditioner
X-ray generator	
Tube voltage	60-120KV, adjustable
Tube current	0.3-4mA, adjustable
Max power	350W
Cooling/working cycle	Sealed oil cooling/100%
Structural design	
Machine frame	Advanced industrial design concepts, rust-proof, anti-corrosion, anti-cable damage-proof, solemn and stable
High-quality belt	High-strength polyester silk woven 1.2mm green PVC rubber belt, with strong lateral stability
Installation data	
Dimensions (without receiving rack)	2193mm (length) * 902mm (width) * 1363mm (height)
Working temperature/humidity	$5^{\circ}\text{C} \sim 45^{\circ}\text{C}/0\% \sim 90\%$ (non-condensing)
Storage temperature/humidity	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}/10\% \sim 90\%$ (non-condensing)
Power supply	AC 220V ($\pm 10\%$) , 50Hz $\pm 3\text{Hz}$
Power consumption	1.5KW
Net weight	490kg
Packing in wooden case	231*103*159cm 620kg



It is used in clothing, pearls, bulk materials
and other industries including food and medicine.



Drawing

