



Product highlights

High Efficiency

It adopts high-speed transmission channel for automatic transmission and diversion. The pass rate per hour is adjustable and can be several times of the conventional channel.

Superior image quality

With Super strong detectors and special designed detection system and x-ray generator, it provides x-ray images which are much clearer than that of the normal x-ray baggage scanners.

Unique system

Embedded Linux operating system with multi-core arm has simple architecture, low power consumption, energy-saving and environmental protection, and real-time status monitoring functions, to master the working process of equipment real time.

Safety and environmental protection

It meets the safety and environmental protection standards, and the one-key turn off and intelligent energy-saving had won patent.

Stable and reliable

Product R&D and production process is strictly followed ISO9001 quality management system, through strict high/low temperature test, electrostatic interference test, damp heat test and vibration test, to ensure that the product can run continuously for more than 10000 hours without fault.

General specifications

PHYSICAL SPECIFICATIONS

Best detection accuracy	Stainless steel SUS304 ball: $\phi 0.4\text{mm}$, ceramic ball: $\phi 0.8\text{mm}$, glass: $\phi 1.0\text{mm}$
Tunnel Size (LxH)	500mm (width) * 301mm (height)
Conveyor height	700 mm
Conveyor belt speed	0.22~1m/s adjustable
Belt bearing capacity	10kg
Detection	automatic alarm by AI or manual
Inspected items packing	in bag, box, or bulk
Alarm	Sound and light and points showing on the monitor
Optional rejecter	NG shutdown, air jet, swing arm, push rod, sinking, flipping, etc. to be customized

RADIATION SAFETY

Single inspection dose	less than $2.1\mu\text{Gy}$
Radiation leakage	less than $1.0\mu\text{Gy/h}$ at any point 5 cm outside the external surface
Radiation protection	Double-layer staggered, wear-resistant, 2-5mm lead curtain

X-RAY GENERATOR

Tube voltage	30-80KV, adjustable
Tube current	0.3-3mA, adjustable
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
Anti-pinch device	Unique design under the belt at the tunnel entrance and exit, safe and reliable
High-quality belt	High-strength polyester silk woven 1.2mm green PVC rubber belt, with strong lateral stability



INSTALLATION DATA

Dimensions (without receiving rack)	1352mm (length) * 680mm (width) * 1211.5mm (height)
Working temperature/humidity	5°C~45°C/0%~90% (non-condensing)
Storage temperature/humidity	-20°C~60°C/10%~90% (non-condensing)
Power supply	AC 220V (±10%) , 50Hz±3Hz
Power consumption	0.3KW
Packing in wooden case	150*80*141cm, 250kg
COMPLIANCE	
Certificates	ISO19001 CE RoHS FDA FCC

Imaging



Dimensions

