



Product highlights

- * Multilingual operation
- * Automatic built in test and self diagnosis
- * Secure access Key
- * Threat alert and material classification
- * Auto archiving
- * Energy saving design
- * One key turn off
- * Drugs and explosives inspection
- * Indication of the date and time
- * baggage counter

X-ray Generator (single)

Anode Voltage	140 KV
Ray direction	Upward
Cooling / Duty Cycle	Sealed oil cooling /100%

General specifications

Physical Specifications

Unit weight (kgs)	290
Unit size (mm)	1660(L)*746(W)*1160(H)
Gross weight (kgs)	400
Packing size	179*87*137cm

General Specifications

Tunnel size(mm)	503(L)*295.5(W)
Conveyor Speed(m/s)	0.4
Conveyor height(mm)	663.5
Conveyor Max Load(kgs)	100
X ray dose per each inspection	≤3.5μGy
X ray leakage	<1μGy/h at any point 5 centimeters outside the external surface
Steel penetration	39 mm guaranteed
Wire Resolution	Dia 0.0787mm copper wire (AWG40) guaranteed
Penetration Resolution	Dia 0.202mm copper wire (AWG32) guaranteed
Spatial resolution	Horizontal:dia 1.0mm, Vertical: dia 1.0mm
Power Consumption	max. 500W
Noise	<60 dB
Film Safety	Guarantee ASA/ISO1600 Film

Imaging System

X-ray Sensor	L-Shaped Photodiode Array, 12bit deep
Images process	24bit real time processing, 4colors analysis, Images displayed marked date and ID No., Count the number of bags
Image display	High resolution of 1024 * 1280 pixel; Image Grey Level: 4096
Image Enhancement	1-32times enlargement continuity, Color/BW, negative, high/low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/inorganics, local enhancement, pseudo color processing, edge enhancement, etc.
Explosives & Narcotics Detection	Suspicious organics highlight(atomic number Zeff=7,8,9)
Suspicious Alarm	Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs
Threat Image Projection(TIP)	Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability
Image Recall	30 images recallable



Operating Environment

Operation temperature/Humidity	5°C-40°C / 0%-90%(non-condensing)
Storage Temperature/Humidity	-20°Cto 60°C / 10%-90%(non-condensing)
Operation Power	220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC)
UPS	Options: 15mins, 30mins, 60mins etc
Computer and other	
Monitor	High Resolution Color, 21.5 inch
RAM	1GB
Keyboard	Special designed
System	Embedded Linux operating system, multi core ARM, stable and reliable
Electric roller	Single-phase
Compliance	
International	* ISO19001 ; ISO14001 ; ISO45001 ; * CE RoHS * FDA FCC

Imaging



Dimensions

