Product highlights

* Perfectly integrated with parcel/cargo conveyor belt
* High inspection capacity with fast scanning speed
* High resolution, high penetration and good image quality
* Multilingual operation
* Automatic built in test and self diagnostic program
* Drugs and explosives detection
* Threat alert and material classification
* Energy saving design
* One key turn off with patent

Physical Specifications	
Unit weight (kgs)	890
Unit size (mm) after packed in wooden pallet -	2192(L)*2078(W)*1860(H)
Gross weight (kgs)	1100
Packing size	#1: 234*220*213cm
X-ray Generator (single)	
Anode Voltage	160 KV
Ray direction	Horizontal
Cooling / Duty Cycle	Sealed oil cooling /100%

General specifications

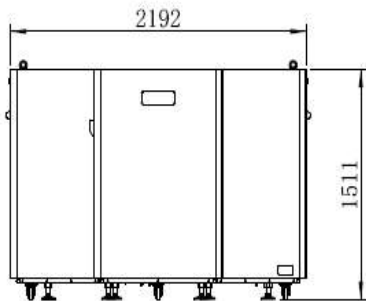| General Specifications	
Tunnel size(mm)	1403(L)*1008.5(W)
Conveyor Speed(m/s)	0.4/0.6
Conveyor height(mm)	697
Conveyor Max Load(kgs)	150
X ray dose per each inspection	≤4.5µGy
X ray leakage	<1µGy/h at any point 5 centimeters outside the external surface
Penetration	39 mm steel
Wire Resolution	dia 0.102mm copper wire (AWG38)
Penetration Resolution	dia 0.202mm copper wire (AWG32) under three-step aluminum wedge 9.5mm, 15.9mm, 22.2mm
Spatial resolution	Horizontal:dia 1.0mm, Vertical: dia 1.0mm
Power Consumption	max. 400W
Noise	<55 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 1920*1080 pixel; Image Grey Level: 65536
Image Enhancement	1-32 times 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)
Suspecious 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
Image Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG format
Miscellaneous Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, system log, system standby and stimulant training, etc.
Options	Dual-direction scanning, inteligent roller, etc.

Operating Environment	
Operation temperature/Humidity	5℃-40℃ / 0%-90%(non-condensing)
Storage Temperature/Humidity	-20℃to 60℃ / 10%-90%(non-condensing)
Operation Power	220VAC(±10%) 50±3Hz (Options: 110-120V, 230-240V, 60Hz)
Stabilizer and UPS	Optional
Computer and other	
Monitor	One 21.5-inch LCD monitor, 1920*1080, no console desk
RAM	1GB
Hard Disk	1T
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

Belt height
370-700mm adjustable

M30–700mm (10 foot cups)