Product highlights

* Dual view technology with images from two angles

* Radiation safe

* High resolution, high penetration and good image quality

* Multilingual operation

* Automatic built in test and self diagnosis

* High load-bearing capacity

* Threat alert and material classification

* Energy saving design

* One key turn off with patent

* Drugs and explosives detection

X-ray Generator (Two)

Anode Voltage	160KV
Ray direction	Vertical and Horizontal
Cooling / Duty Cycle	Sealed oil cooling /100%

General specifications

Physical Specifications	
Tunnel size	1005(W)*802(H) mm
Unit weight	1200 kg
Unit size	3200(L)*1728(W)*1648(H) mm
Gross weight	1400 kg
Packing size	#1: 265*215*187cm #2: 120*65*100cm
General Specifications	
Conveyor Speed	0.4 m/s forward or backward
Conveyor height	301 mm
Conveyor capacity	200 kg
Frame design	304 stainless steel, 2-5 mm cold rolled plate and square steel, double-layer staggered lead impregnated safety curtain
X ray dose/inspection	≤4.8μSv
X ray leakage	≤1μSv/h at any point 5 cm outside the external surface. FDA standard is ≤5μSv/h
Steel penetration	41 mm guaranteed
Wire Resolution	Horizontal AWG38 / Vertical AWG36 guaranteed
Penetration Resolution	AWG30 guaranteed
Spatial resolution	1.3mm Horizontal, 1.3mm Vertical max. 1.5KW
Noise	<60 dB
Film Safety	Guarantee ASA/ISO1600 Film
Imaging System	
Detector	3840 channels in two L-Shaped Arrays
Image processing	Color / black and white imaging, local enhancement, high penetration, low penetration, super enhancement, organic stripping, inorganic stripping, reverse color, brightening, darkening, gray level change/variable contrast, continuously zoom maximum 64x, pseudo color imaging, organics enhancement, suspicious item alarm and notation, edge enhancement imaging, 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
Image pullback	30 images
Image Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other formats

Computer and other	
Monitor	Two 21.5-inch LCD monitors, 1920*1080
Console	One
CPU	Intel (R) i3 (R) 3.3GHz
RAM	4GB
Hard Disk	1T
Keyboard	Special designed
Platform	Windows 10
Electric roller	Three-phase
Operating Environment	
Ops temperature/Humidity	5oC-40oC 0%-90%(non-condensing)
Storage Temperature/Humidity	-20oC to 60oC 10%-90%(non-condensing)
Operation Power	220V(+10% ~ -15%) 50±3Hz Options: 110-120V, 230-240V, 60Hz
COMPLIANCE	
International	* ISO19001 ; ISO14001 ; ISO27001 ; OHSMS18001 ; * CE , ROHS, FCC, REACH * USA, FDA

Imaging

Dimensions