➔ ZA6550
X-ray Baggage Scanner (Without IPC)

Main features

⊙ First full-digital security detector , with clear image and strong anti-interference function.
⊙ Embedded Linux operating system, more efficient and stable, with multi-core ARM CPU, low power consumption, energy conservation, and environmental protection function .
⊙ Each machine is tested by strict high and low temperature test before leaving the factory, can run for more than 10000 hours without failure.
⊙ CE/FCC/CCC/ROHS Certificates issued by the Ministry of Public Security .

General Specifications			
Tunnel Size(mm)	650(L)＊500(W)	Unit Size (mm)	2195(L)＊902(W)＊1362(H)
Unit Weight (kgs)	575	Gross Weight (kgs)	700
Conveyor Speed(m/s)	0.22	Conveyor Height(mm)	695
Conveyor Max Load(kgs)	200	X Ray Dose Per Each Inspection	2.0 µGy
X Ray Leakage	<1.0 µGy / h	Penetration	32mm steel
Wire Resolution	dia 0.102mm copper wire (AWG38)	Spatial Resolution	Horizontal:dia1.0mm Vertical: dia1.0mm
Power Consumption	max. 1KW	Noise	< 58 dB
Anode Voltage	140 KV	Anode Power	0.4−1.2mA (adjustable)
Generate Angle	80 degree upward	Generate Direct	from bottom to top
Cooling / Duty Cycle	Oil Cooling /100%		

➔ ZA100100
X ray Baggage Scanner (With IPC)

Main features

⊙ First full-digital security detector . Clear image and strong anti-interference function
⊙ Embedded Linux operating system, more efficient and stable, with multi-core ARM CPU, low power consumption, energy conservation, and environmental protection function .
⊙ Each machine is tested by strict high and low temperature test before leaving the factory, can run for more than 10000 hours without failure
⊙ CE/FCC/CCC/ROHS Certificates issued by the Ministry of Public Security .

General Specifications			
Tunnel Size(mm)	1000(L)＊1000(W)	Unit Size (mm)	638.5(L)＊1295(W)＊1916.5(H)
Unit Weight (kgs)	942	Gross Weight (kgs)	1150
Conveyor Speed(m/s)	0.22	Conveyor Height(mm)	338.5
Conveyor Max Load(kgs)	200	X Ray Dose Per Each Inspection	0.8 µGy
X Ray Leakage	<0.2 µGy / h	Penetration	40mm steel
Wire Resolution	dia 0.102mm copper wire (AWG38)	Spatial Resolution	Horizontal:dia1.0mm Vertical: dia1.0mm
Power Consumption	max. 1KW	Noise	< 58 dB
Anode Voltage	140 KV	Anode Power	0.4−1.2mA (adjustable)
Generate Angle	80 degree upward	Generate Direct	from top to bottom
Cooling / Duty Cycle	Oil Cooling /100%		

⇥ ZA150180
X ray Baggage Scanner (With IPC)

Main features

⊗ First full-digital security detector , with clear image and strong anti-interference function.
⊗ Embedded Linux operating system, more efficient and stable, with multi-core ARM CPU, low power consumption, energy conservation, and environmental protection function .
⊗ Each machine is tested by strict high and low temperature test before leaving the factory, can run for more than 10000 hours without failure
⊗ CE/FCC/CCC/ROHS Certificates issued by the Ministry of Public Security .

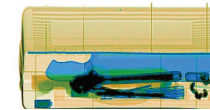| General Specifications			
Tunnel Size(mm)	1805(L)＊1510(W)	Unit Size (mm)	2848.5(L)＊1095(W)＊1535.5(H)
Unit Weight (kgs)	800	Gross Weight (kgs)	900
Conveyor Speed(m/s)	0.22	Conveyor Height(mm)	338.5
Conveyor Max Load(kgs)	2000	X Ray Dose Per Each Inspection	2.0 μGy
X Ray Leakage	<1.0 μGy / h	Penetration	40mm steel
Wire Resolution	dia0.127mm copper wire (AWG36)	Spatial Resolution	Horizontal:dia1.0mm Vertical: dia1.0mm
Power Consumption	max. 1KW	Noise	< 58 dB
Anode Voltage	140 KV	Anode Power	0.4~1.2mA (adjustable)
Generate Angle	80 degree upward	Generate Direct	from bottom to top
Cooling / Duty Cycle	Oil Cooling /100%		

⇥ ZA6040D
X-ray Baggage Scanner

Main features

⊗ First full-digital security detector , with clear image and strong anti-interference function.
⊗ Embedded Linux operating system, more efficient and stable, with multi-core ARM CPU, low power consumption, energy conservation, and environmental protection function .
⊗ Each machine is tested by strict high and low temperature test before leaving the factory, can run for more than 10000 hours without failure.
⊗ CE/FCC/CCC/ROHS Certificates issued by the Ministry of Public Security .

General Specifications			
Tunnel Size(mm)	600(W)×400(L)mm	Conveyor Max Load(kgs)	150kg
Conveyor Speed(m/s)	0.2 ±0.02m/s	Noise	<58dB(A)
X Ray Leakage	<0.1μGy/h	X ray dose per each inspection	≤3.0μGy
Generate Direct	from top to bottom+ side to side	Generate angle	80°
Operation Power	220VAC(±10%) 50±3HZ	Operation temperature /Humidity	0℃~45℃ / 20%~95%
Penetration Resolutoion	Top View:φ0.160mm;		Side View:φ0.160mm;
Penetration	Top View:40mmsteel;		Top View:40mmsteel;

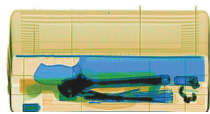Side overpass diagram

Front over package diagram

⮞ ZA10080D
X-ray Baggage Scanner

Main features

⊗ It is the first full-digital security detector in China. Clear image and strong anti-interference function
⊗ Embedded Linux operating system, more efficient and stable, with multi-core ARM CPU, low power consumption, energy conservation, and environmental protection function .
⊗ Each machine is tested by strict high and low temperature test before leaving the factory, can run for more than 10000 hours without failure
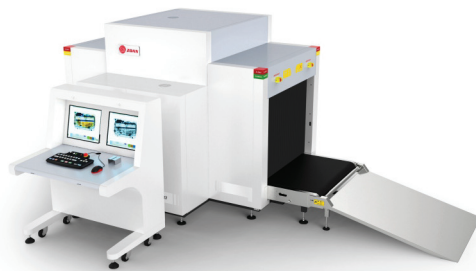⊗ CE/FCC/CCC/ROHS Certificates issued by the Ministry of Public Security.

General Specifications				
Tunnel Size(mm)	1000 (W) ×800 (L) mm	Conveyor Max Load(kgs)	200kg	
Conveyor Speed(m/s)	0.2 ±0.02m/s	Noise	<62dB(A)	
X Ray Leakage	<0.0.45μGy/h	Generate Angle	80°	
Generate Direct	from top to bottom+ side to side	X Ray Dose Per Each Inspection	≤4.2μGy	
Operation Power	220VAC(±10%) 50±3HZ	Operation Temperature /humidity	0℃ ~ 45℃ / 20% ~ 95%	
Penetration Resolutoion	Top View:φ0.202mm;		Side View:φ0.160mm;	
Penetration	Top View:40mm steel;		Side View:φ0.160mm;	

Side Overpass Diagram

Front over package diagram
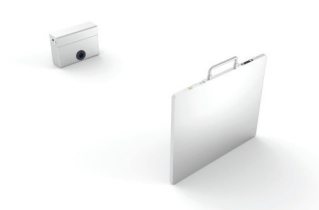

⮞ ZA4031BX
Portable X-ray Optical Machine

Main features

⊗ The X-ray detector box is super thin and portable with less than 15mm thickness.
⊗ The detection efficiency is super, which can greatly reduce the radiation dose.
⊗ The imaging area is very large, up to 43 cm * 35 cm. It can be detected by X-ray fluoroscopy only once.
⊗ This equipment can work normally in harsh environments such as strong light.

General Specifications			
Tube Electric Pressure	30 Kv -120kv	Tube Current	0.3mA—1mA(Adjustable)
Size	245mm X 80mm X 184mm	Weight	5.9KG
Pixel Spacing	140 μm	Spatial Resolution	3.6LP/mm
Drawing Time	1s-3s	Imaging Size	430mm×350mm
Work Environment	5-40 ℃,10-75% Rh	Appearance Size	380×460×15 mm
Display Resolution	1920×1080	Cpu	Intri i5
Penetration Force	25mm(steel plate)		60mm(Aluminum plate)

Test results

Imaging panel

Portable X ray