SG-L 6550 C
X-Ray Baggage Scanner

polimek ®
CONTROL AND SECURITY SYSTEMS MANUFACTURER

Product Highlights

* Two generator, two view perspective
dual energy imaging
* Automatic built in test and self diagnosis
* Secure access Key
* Uninterruptable power supply(UPS)
* Threat alert and material classification
* Auto arching
* Network-Ready
* Energy saving design
* One key turn off
* Drugs and explosives inspection
* Indication of the date and time

Dimensional Drawing
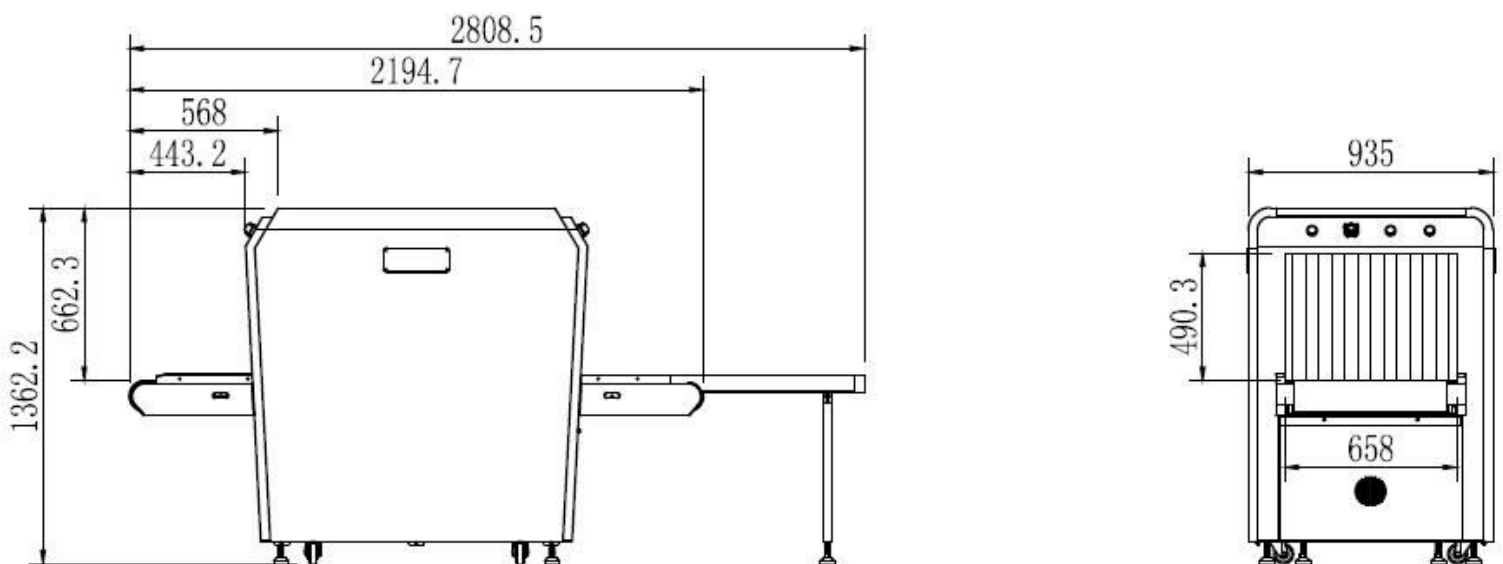
Important Sizes :

Product Size: 2808.5*935*1362.2mm (L × W × H)
Tunnel Size: 668* 490.3mm (width × height

General Specifications

Wire Resolution	Typical AWG38(top view); Typical AWG38(side view)
Penetration resolution	Typical AWG32(top view); Typical AWG32(side view)
Spatial resolution	Vertical:1.0mm, horizontal:1.0mm(top view); Vertical:1.3mm, horizontal:1.3mm (side view)
Penetration	34mm(top view); 34mm(side view)
Resolution of organic matter	1 - 120 mm(top view); 1 - 120 mm(side view)
Grayscale and mixture resolution	1 - 60mm(top view); 1-60 mm(side view)
Resolution of inorganic objects	0.2-14mm(top view); 0.2-14 mm(side view
Effective material resolution	Meet the requirements of GB15208.1-2005
X-Ray dosage each inspection	≤4. 8 μSv(uGy)
Boundary Leakage	≤0. 5 μSv /h(uGy/h)
S/N ratio	<60dB
Conveyor speed	0.2m/s
Conveyor max load	150kg
Power consumption	1.0KVA
Safety performance requirements	Meet the requirements of GB15208.1-2005
EMC requirements	Meet the requirements of GB15208.1-2005
Electrical safety	Meet the requirements of GB15208.1-2005
Environmental applicability	Meet the requirements of GB15208.1-2005
Leakage current	≤5.0mA
Film Safety	Guarantee ASA/ISO1600 Film
Weight	740kg
Operation temperature/Humidity	5℃- 40℃/0%-90%
Storage temperature/Humidity	-20℃-60℃ /10%-90%
Atmospheric pressure	86kPa-106kPa
Operation Power	AC220V(±10%-15%) 50±3Hz
Operation system	Windows X

General Specifications

X ray generator	160KV, oil cooling, from top to bottom
Electric roller	Three-phase
Computer	CPU: Intel Celeron 2.70GHz, Hard drive: 2T, Storage : 4G
Monnitor	17" LED screen, resolution: 1280*1024 pixels
Operation console	Double screen console

Scanned images
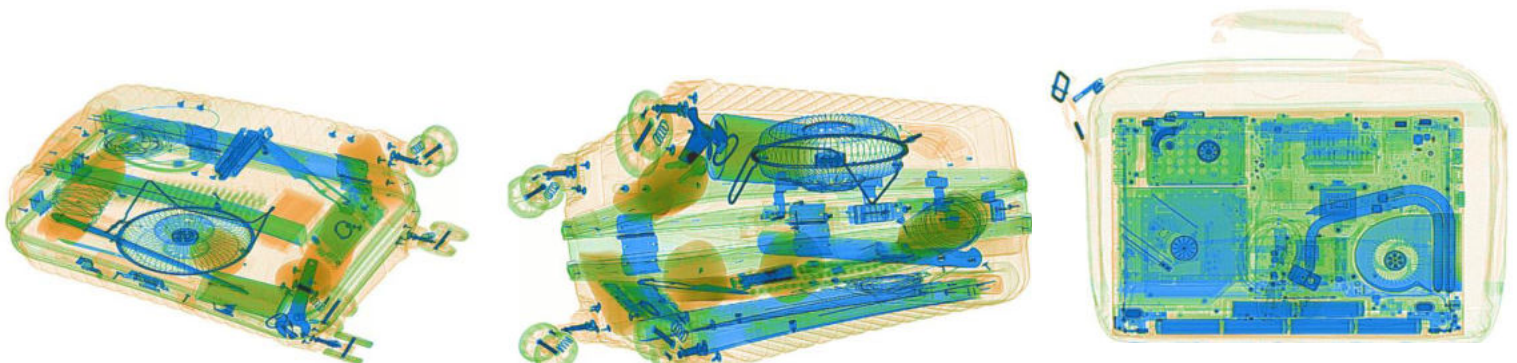
■ Functional characteristics

■ Power-on self-test	With the function of fault self-check, automatically judge the fault and prompt the fault code information in time.
■ Image processing	With the function of Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, and pseudo color, etc.
■ Image Recall	30 preceding images recallable.
■ The number of images stored	Up to 10,000 images stored automatically.
■ Image management	With the functions of image information query, open, export and print, 6 image formats can be exported (JPG, BMP, XF, PNG, TIFF, GIF)
■ Operator management	Operators can be added and deleted, and operator names, groups, passwords, enabled status can be modified, and usage logs can be exported.
■ Dangerous goods image insertion	TIP insertion pictures can be added and deleted, TIP enable status, injection interval, floating range, motion determination time, and stationary determination time can be set; the user can check the operator by recording information.
■ Equipment diagnosis	Key components of equipment can be diagnosed through the diagnostic interface, including detector, motor positive and negative rotation, infrared sensor, special keyboard, etc.
■ System Settings	Programmable key, imaging display (horizontal, vertical image, maximum magnification, display recovery), scanning mode setting (two-way, direction, strong scanning, energy saving), auxiliary inspection (difficult to penetrate, explosives, drugs), luggage counter function Settings.
■ System equipment information	Display software version, equipment model, factory number, scan count, power on time, beam out time, image file storage capacity and other information. Able to conduct automatic through-baggage training for new operators.
■ Training function	Able to conduct automatic through-baggage training for new operators.

■ Compliance

■ International	* ISO19001 ; ISO14001 ; ISO27001 ; OHSMS18001 ; * CE , ROHS, FCC, REACH * USA, FDA
■ National	* Health Inspection Report * Computer Software Copyright Registration Certificate * Software Product Registration Certificate * Radiation Safety Certificate from Ministry of Public Security * Quality Certification from Safety and Police Electronic Products Quality Inspection Center * Design patent certification

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