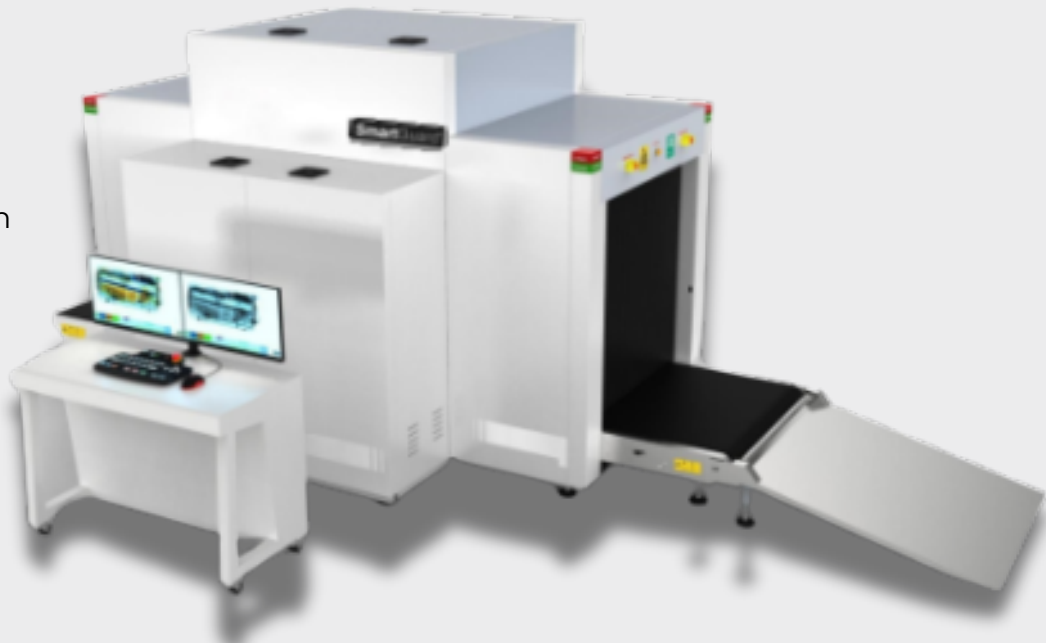


Product Model :

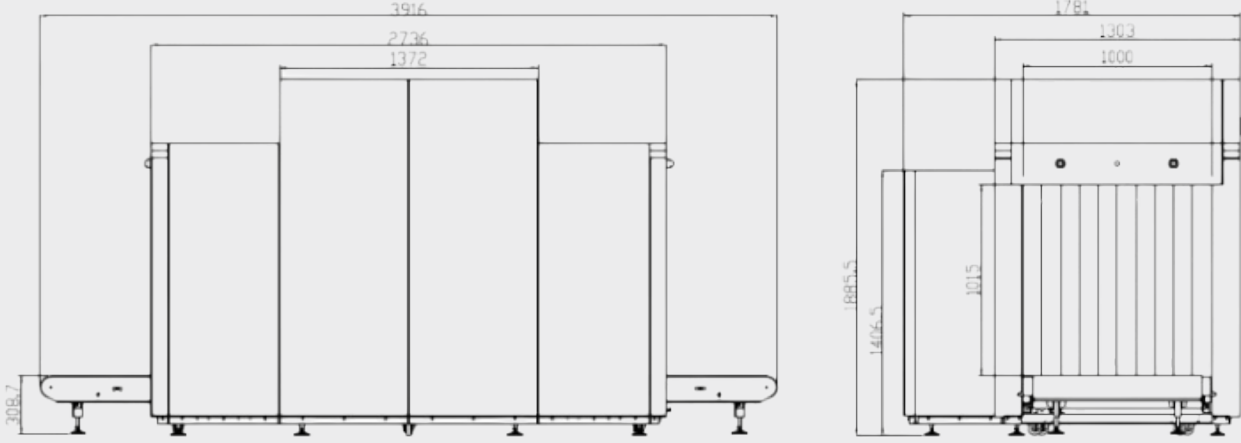
SG 100100 D X-RAY BAGGAGE SCANNER

Product Highlights

- *Two generator, two view perspective dual energy imaging
- *Multilingual operation
- *Automatic built in test and self diagnosis
- *Secure access key
- *Uninterruptable power supply(UPS)
- *Threat alert and material classification
- *Auto archiving
- *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: 3916*1781*1885.5(L*W*H)

Tunnel Size: 1000*1015mm(wide*height)

Product Details

General Specifications

Wire Resolution	Typical AWG36 (top view); Typical AWG38side view)
Penetration resolution	Typical AWG36(top view); Typical AWG32(side view)
Spatial resolution	Vertical:1.0mm, horizontal:1.3mm(top view);
Penetration	Vertical:0.8mm, horizontal:1.3mm (side view)
Resolution of organic matter	36mm(top view); 34mm(side view)
Grayscale and mixture resolution	1 - 120 mm(top view); 1 - 120 mm(side view)
Resolution of inorganic objects	1 - 60mm(top view); 1-60 mm(side view)
Effective material resolution	0.2-14mm(top view); 0.2-14 mm(side view)
X-Ray dosage each inspection	Meet the requirements of GB15208.1-2005
Boundary Leakage	$\leq 4.8\mu\text{Sv}(\text{uGy})$
S/N ratio	$\leq 0.5 \mu\text{Sv} / \text{h}(\text{uGy}/\text{h})$
Conveyor speed	<60dB
Conveyor max load	0.2m/s
Power consumption	200kg
Safety performance requirements	1.5KW
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	Meet the requirements of GB15208.1-2005

Product Details

General Specifications

Leakage current	≤5.0mA
Film Safety	Guarantee ASA/ISO1600 Film
Weight	1350KG
Operation temperature/humidity	-5°C-50°C/0%-90%
Storage temperature/Humidity	-20°C-60°C /10%-90%
Atmospheric pressure	86kPa-106kPa
Operation power	AC220V(±10%-15%) 50±3Hz
Operation system	Windows 7-10

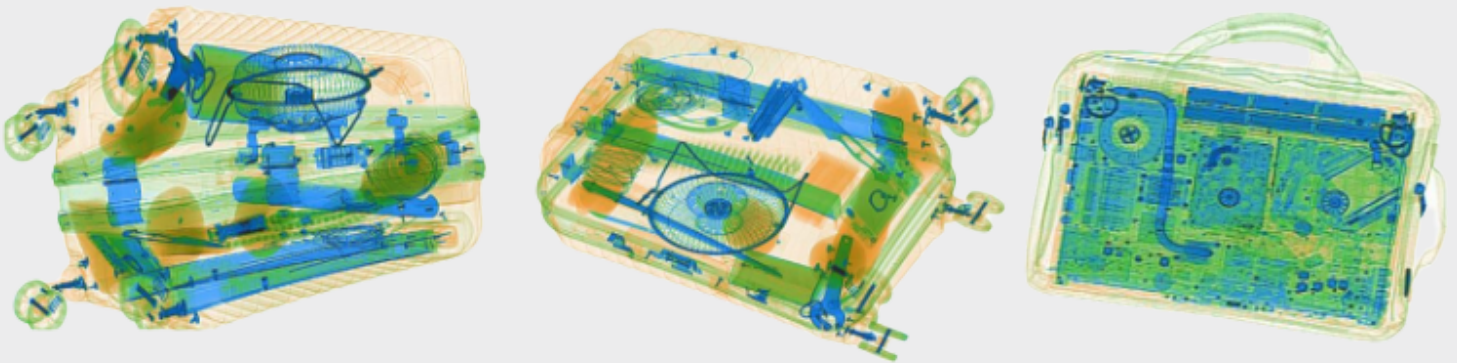
Configuration

X-ray generator	160KV / 1mA, oil cooling, from top to bottom
Electric roller	Three-phase
Computer	CPU: Intel Celeron 2.70GHz, Hard drive: 500G.Storage : 2G (optional to customer)
Monitor	21.5" LED screen, resolution: 1920*1080 pixels
Operation console	As photo

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Scanned Images



Software Functions

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 200,000 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	* ISO9001 ; ISO14001 ; CE , FCC, US-FDA
National (Türkiye)	* Health Inspection Report * Radiation Safety Certificate from Ministry of Public Security

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