

Product Model :

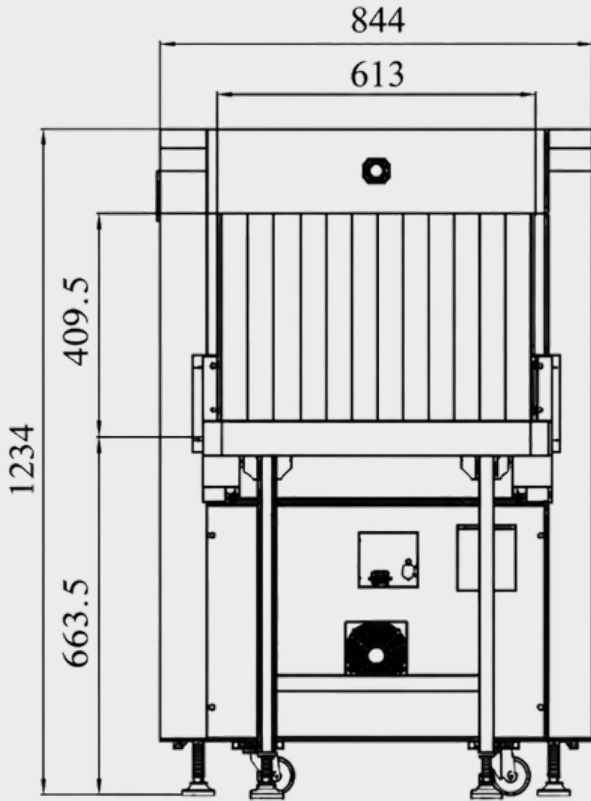
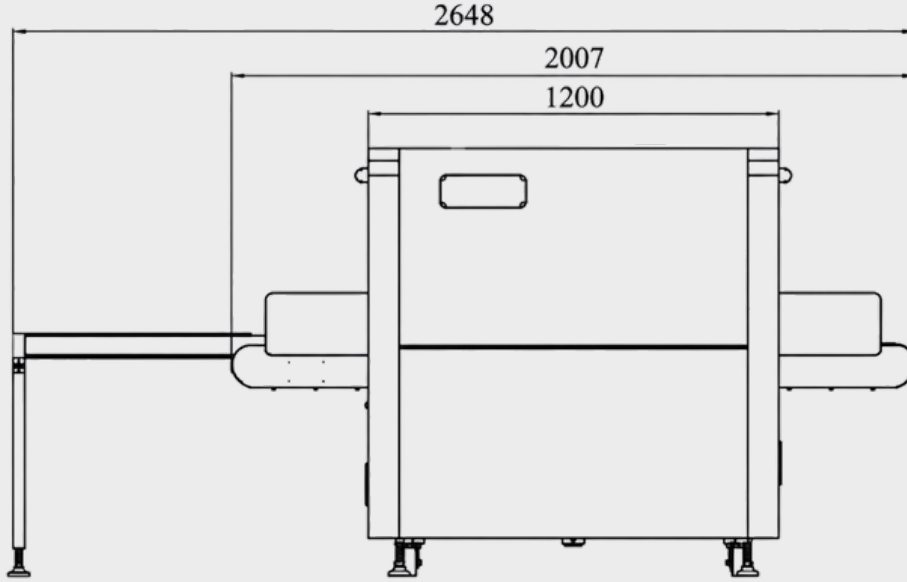
SG 6040B X-RAY BAGGAGE SCANNER



Product Highlights

- Multilingual operation
- Automatic built in test and self diagnosis
- Secure access key
- Continuous working 10000 hours above
- Threat alert and material classification
- International standard configuration
- 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: 2648* 844 * 1234mm (L × W × H)

Tunnel Size: 613* 409.5mm (width × height)

GENERAL SPECIFICATIONS	
Wire resolution	Typical AWG40
Penetration resolution	Typical AWG34
Spatial resolution	Vertical: 1.0 mm, horizontal: 1.0 mm
Penetration	38 mm
Resolution of organic matter	1 - 120 mm
Grayscale and mixture resolution	1 - 60 mm
Resolution of inorganic objects	0.2 - 14 mm
Effective material resolution	Meet the requirements of GB15208.1-2005
X-ray dosage each inspection	≤ 4.5 μSv (uGy)
Boundary leakage	≤ 0.5 μSv/h (uGy/h)
S/N ratio	< 60 dB
Conveyor speed	0.22 m/s
Conveyor max load	160 - 200 kg
Power consumption	0.8 kVA
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	≤ 5.0 mA
Film safety	Guarantee ASA/ISO1600 film
Weight	455 kg
Operation temperature/humidity	5°C ~ 40°C / 0% - 90%
Storage temperature/humidity	-20°C ~ 60°C / 10% - 90%
Atmospheric pressure	86 kPa ~ 106 kPa
Operation power	AC 220V (±10% -15%) 50 ± 3 Hz
Operation system	Windows 10
Configuration	
X-ray generator	160 kV, oil cooling, from bottom to top
Electric roller	Three-phase
Computer	CPU: Core i7 with 16 GB RAM, 4 GB Nvidia graphic card, 1TB hard disk
Monitor	21.5" LED screen, resolution: 1280* 1024 pixels
Operation console	Monitor on top of machine

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 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	*ISO9001 ; ISO14001 ; CE , FCC, US-FDA
National	*Health Inspection Report *Radiation Safety Certificate