SG-L 150150 D
X-Ray Baggage Scanner

polimek®
CONTROL AND SECURITY SYSTEMS MANUFACTURER

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 arching
* Network-Ready
* Energy saving design
* One key turn off
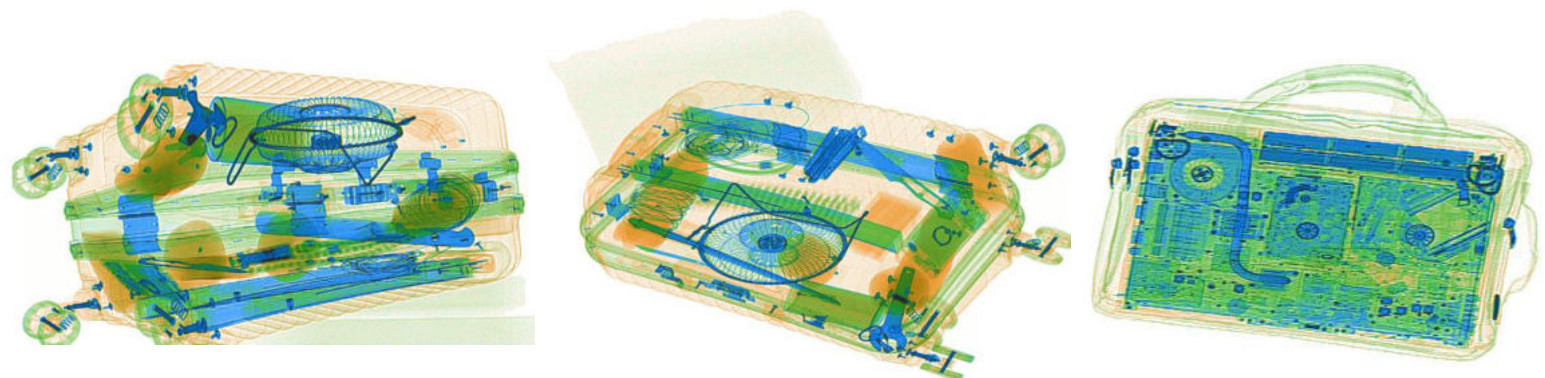* Drugs and explosives inspection
* Indication of the date and time
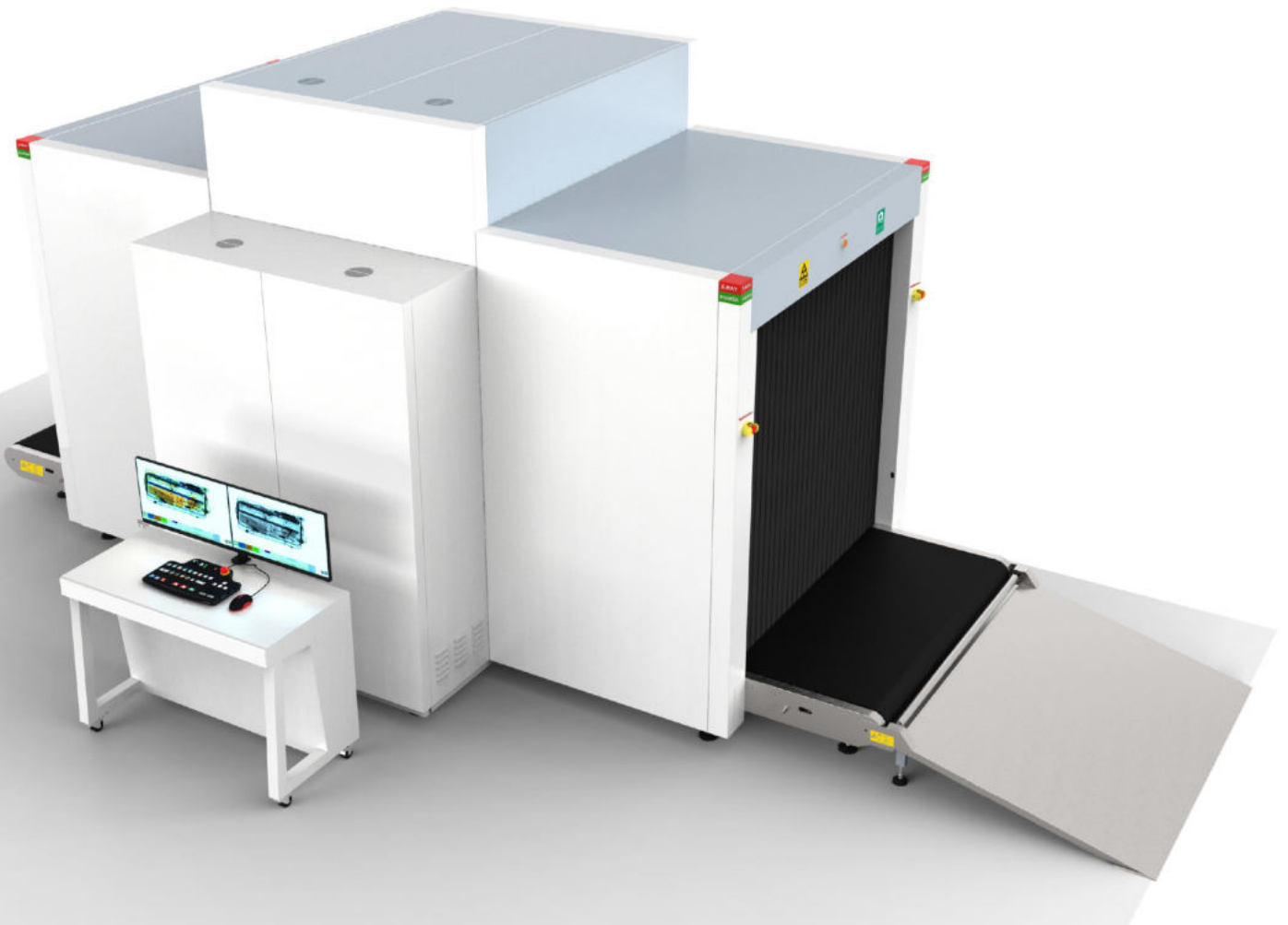
■ General Specifications

■ Wire Resolution	Typical AWG36(top view); Typical AWG38side view)
■ Penetration resolution	Typical AWG32(top view); Typical AWG32(side view)
■ Spatial resolution	Vertical:1.3, horizontal:1.3 (top view); Vertical:1.3, horizontal:1.3 (side view)
■ Penetration	40mm(top view); 45mm(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	≤4.8µSv(uGy)
■ Boundary Leakage	≤0.5 µSv /h(uGy/h)
■ S/N ratio	<60dB
■ Conveyor speed	0.25-0.3 m/s
■ Conveyor max load	2000kg
■ Power consumption	2.5KW
■ Safety performance requirements	Meet the requirements of GB15208.1-2005
■ E M C 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	4000KG
■ 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	Win XP. Win 10, win7 optional

■ Configuration

■ X ray generator	200KV, oil cooling
■ Electric roller	SEW, Three-phase
■ Computer	CPU: Intel ® i3® 3.3GHz, Hard drive: 1TB.Storge : 2G
■ Monnitor	34" LED screen, resolution: 3440*1440 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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