

SG 100100 C X-RAY INSPECTION SYSTEM



Independent intellectual property rights software inside to ensure smooth operation
Excellent image presentation through 22 optimized imaging processing tools
Different Access Modes in software, can open unlimited sub-account with hierarchical permissions
Embedded with Wireless LAN, can do remote technical support at any time
Rugged roller conveyor for loads up to 250 kg when evenly distributed

X-RAY INSPECTION SYSTEM APPLICATIONS

Smartguard SG100100 C is advanced large size X-ray Inspection System with low conveyor height of 37 cm (14.6") and with tunnel opening of 100.5 cm x 80 cm, ideal for using at public area for large scale items, such as checkpoint, airport, subway station, railway station, customs, logistics, port, warehouse, factory and more. 100100 is a great choice for large venue and support bi-directional operation

Smartguard SG100100 c is equipped with a 140 kV generator, known for high definition x-ray images to make it easy for operators to identify the potential threats quickly. Humanized standard configurations, including stainless steel landing at exit to make the heavy package sliding down to ground easily, and removable supervisor monitor platform, protects LCD monitor and provides more convenient working environment for operator.

INTERNATIONAL COMPONENTS

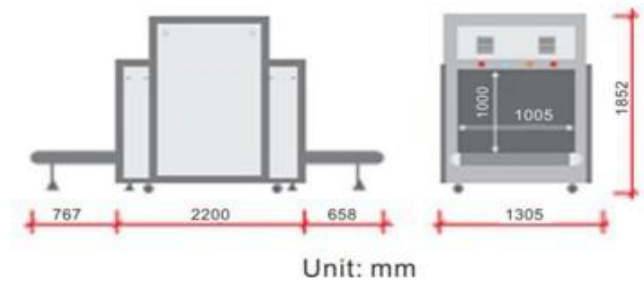
For all our x ray baggage scanners
> UK Sens - Tech Detector Boards
> Japan HAMAMATSU Detector Head
> USA SEAPARKS Roller
> SEAGATE Hard Drive Disk

SMART SOFTWARE SYSTEM

R&D software supports a reliable platform for the future upgrades & system management, including different access modes with hierarchical permissions, customized density & size alert, imaging fast query, USB backup, remark and display ratio, freely switch the multiple languages

■ General Specification

- Tunnel Size : 1005 x 1000 mm
- Conveyer Speed : 0.22m/s
- Conveyer Load : 250 kg
- Penetration : 32-34mm steel
- Resolution : 38 AWG
- Film safety : Guarantee ISO 1600 Film
- X-ray leakage : <0.1mR/h (1.0μ Sv/h)



■ Installation Data

- Operation / Storage Temperature: 0°C~ 45°C/ -20°C~+60°C
- Humidity: 20%~98% non-condensing
- Power consumption: 0.8 kw (Max)
- Sound supply: <58 Db
- N.W/G.W.: 1000 kg / 1023.5 kg= 2021.6 Ibs/ 2256.4 Ibs
- Dimensions :3625(L)x1305(W)x1852mm(H)
- 126.2" x 51.4" x 69.0"

■ X-Ray Generator and Image Performance

- Anode voltage: 140 kV
- Cooling : Oil Cooling 100%
- Beam direction : 80°
- X-ray converter: L-Shaped Photodiode Array
- Grey Level : 6535
- Image penetration: B/W, color
- Monitor: 21.5" LCD

■ 22 Standard Imaging Processing Tools

- Organics & Inorganic & Mixture Striping
- Color & Gray
- High & Low Gray Enhance
- Log & Exp Trans
- Gaussian Blur
- Sharpen
- Super Enhancement
- High & Low Energy
- Reverse
- Fusion
- Plus 6 kinds Pseudo Color Display

■ Standard Features

- Multi-energy Imaging (4 color)
- 21.5" LCD Display with Standard PC Keyboard
- View Previous / Next Bag
- Image Archive
- Baggage Counter
- Date/Time, Model Display
- Adjustable Zoom Preview Window
- TIP (Threat Image Project)
- Support Multiple Language
- High Definition Image
- Auto High Density Alarm
- Image Management
- Dynamic Processing
- Green Lead Curtain
- Network Interface and Wireless LAN
- Shutdown with One Key
- Self-diagnose
- 0.7 m Tunnel Extension Table
- Intelligent Roller (Optional)
- Supervisor Double/Single Monitor Platform (Optional)
- UPS (Uninterrupted Power Supply) (Optional)

SmartGuard®

• Smarguard is brand of Polimek •

CONTACT: +90 232 328 16 45 (pbx) Fax: +90 232 328 16 74 Sales: +90 530 915 60 00 sales@polimek.com.tr

www.polimek.com.tr

Ataturk Organized Industrial Zone 10024 St. No: 9 Cigli – IZMIR/TURKEY