

Product Model :

SG 10080 C X-RAY INSPECTION SYSTEM



Product highlights

- 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 250kg when evenly distributed

X-Ray Inspection System Applications Smartguard SG10080 C is an advanced large size X-ray Inspection System with low conveyor height of 37cm(14.6") and with tunnel opening of 100.5cmx 80cm, 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. 10080 is a great choice for large venue and support bidirectional operation.

Smartguard SG10080 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

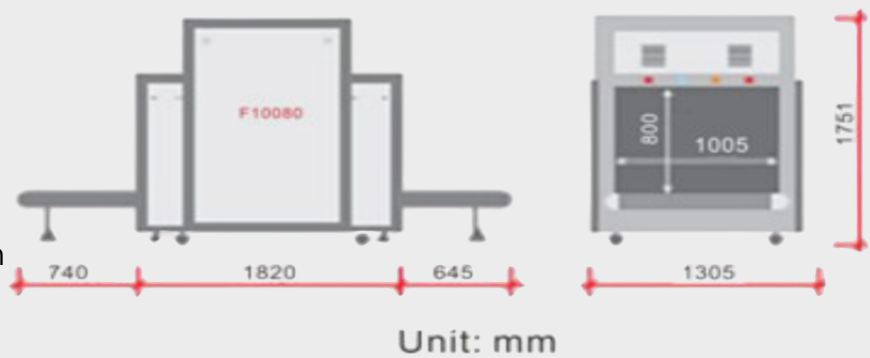
- For all our X-ray baggage scanners
- UK Sens -Tech Detector Boards
- Japan HAMAMATSU Detector Head
- USA SEAPARKS Roller
- SEAGATE Hard Drive Disk

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 800 mm
Conveyor Load: 250 kg
Conveyor speed: 0.22 m/s
Penetration: 32-34 mm steel
Resolution: 38 AWG
Film safety: Guarantee ISO 1600 Film
X-ray leakage: < 0.1mR/h (1.0 µSv/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)
- Power supply: 100-240VAC+10%/-15% selectable 50/60 Hz±3 Hz
- Sound supply: < 58 Db
- N.W/G.W.: 1000 kg / 1023.5 kg = 2021.6 lbs / 2256.4 lbs
- Dimension:
- (L)x(W)x(H)
- 3205 x 1305 x 1751.5 mm
- 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

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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

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- 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®

Smartguard is brand of Polimek

16 Standard Imaging Processing Tools

- 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

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