



X-Ray Baggage Scanner

Description : X-Ray Baggage Scanner
Model No : GA-XRBS6040

Key Features

- Radiation safe
- High resolution, high penetration and good image quality
- Multilingual operation
- Automatic built in test and self diagnosis
- Threat alert and material classification
- Energy saving design
- One key turn off with patent
- Drugs and explosives detection
- Sens-Tech detection board and Hamamatsu detector

Technical Specifications

Physical Specifications

- Tunnel size 613(W)*409.5(H) mm
- Unit weight 455 kg
- Unit size 2007(L)*844(W)*1234(H) mm
- after packed on wooden pallet –
- Gross weight 500 kg
- Packing size #1: 220*101*156cm, #2: 86*86*142cm, #3: 67*77*12cm

General Specifications

- Conveyor Speed: 0.22 m/s forward or backward
- Conveyor height: 663.5 mm
- Conveyor capacity: 150 kg
- Frame design: 304 stainless steel, 2-5 mm cold rolled plate and square
- steel, double-layer staggered lead impregnated safety curtain
- X ray dose/inspection: $\leq 4.5\mu\text{Gy}$
- X ray leakage: $\leq 0.5\mu\text{Gy/h}$ at any point 5 cm outside the external surface. FDA standard is $\leq 5\mu\text{Gy/h}$
- Steel penetration: 38 mm guaranteed
- Wire Resolution: AWG40 guaranteed
- Penetration Resolution: AWG34 guaranteed
- Spatial resolution: 1.0mm Horizontal, 1.0mm Vertical
- Power Consumption: max. 0.8KW
- Noise: <60 dB
- Film Safety: Guarantee ASA/ISO1600 Film

Computer and other

- Monitor: One 17-inch LCD monitors, 1280*1024
- Console: A console which can lock the display and keyboard
- CPU: Intel (R) i3 (R) 3.3GHz
- RAM: 4GB
- Hard Disk: 2T
- Keyboard: Special designed
- Platform: Windows 7 or Windows 10
- Backup: Uninterrupted Power Supply
- Electric roller: Three-phase

Operating Environment

- Ops temperature: 5oC-40oC Humidity: 0%-90%(non-condensing)
- Storage Temperature: -20oC to 60oC Humidity: 10%-90%(non-condensing)
- Operation Power: 220V(+10% ~ -15%) 50±3Hz Options: 100-130V, 200-250V, 60Hz
- UPS for the equipment: Options 15mins, 30mins, 60mins etc

Suite No-09, H-15, Ground Floor Sector-63
Noida, Uttar Pradesh - 201301
0120 - 4332193, www.golfautomation.co.in
sales@golfautomation.co.in



Imaging System

- Detector 1152 channels in an L-Shaped Array
- Image processing: Color / black and white imaging, local enhancement, high penetration, low penetration, super enhancement, organic stripping, inorganic stripping, reverse color, brightening, darkening, gray level change/variable contrast, continuously zoom maximum 64x, pseudo color imaging, organics enhancement, suspicious item alarm and notation, edge enhancement imaging, etc.
- Explosives & Narcotics Detection: Suspicious organics highlight(atomic number Zeff=7,8,9)
- Suspicious Alarm: Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs
- Threat Image: Inserting fictional, but realistic images of threat items
- Projection(TIP): into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability.
- Image pullback: 30 images
- Image Archive: Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other formats
- Miscellaneous Functions: Time/date display, counters, user management, systemon/ x-ray-on timers, power on self test, built-in diagnostic facilities, bidirection scanning, forced scanning, image search and export, system setting, system log, system standby and stimulant training,etc.
- Options: Intelligent roller, remote work station, network integration, video monitoring, face recognition and baggage integration, recheck station, additional roller table, etc.