# X-Ray Baggage Scanner
## Model JC6040

**SECUSTAR**



🟧 **Product highlights**

* Multilingual operation
* Automatic test ,self diagnosis
* Secure access Key
* Network ready for remote control
* Threat alert & material classification
* Auto archiving
* Energy saving design
* One key turn off
* Drugs and explosives inspection
* Indication of the date and time
* baggage counter

| Physical Specifications | |
|---|---|
| Unit Net weight (kgs) | 450kg |
| Unit size (mm) | 2080(L)*864(W)*1093(H) |
| Package | Wooden packing |
| Gross weight (kgs) | 560kg |
| Packing size(machine body) | #1: 230*97*135cm |
| (console desk) | #2: 70*70*143cm ;70kg |

| General Specifications | |
|---|---|
| Tunnel size(mm) | 605(L)*405(W) |
| Conveyor Speed(m/s) | 0.22m/s |
| Conveyor height(mm) | 632mm |
| Conveyor Max Load(kgs) | 175kg |
| X ray dose per each inspection | 0.7 µGy |
| X ray leakage | <0.5 µGy / hour(at the distance 5cm with external housing ) |
| Penetration | 35mm steel |
| Wire Resolution | 38AWG (guarantee), 40AWG(typical) |
| Penetration Resolution | dia 0.254mm copper wire (AWG30) under three-step aluminum wedge 9.5mm, 15.9mm, 22.2mm |
| Spatial resolution: | Horizontal:dia1.0mm,Vertical: dia1.0mm |

| Power Consumption | Max. 0.6KW |
|---|---|
| Noise | < 58 dB |
| Film Safety | Guarantee ASA/ISO1600 Film |

| X-ray Generator (single) | |
|---|---|
| Anode Voltage | 140 -160KV(adjustable) |
| Tube Current | 0.4 ~ 1.2 mA (adjustable) |
| Generate angle | 80 degree upward |
| The Beam direction | From bottom to top |
| Cooling / Duty Cycle | Sealed Oil Cooling /100% |
| Brand | US Spellman brand |

| Image System | |
|---|---|
| X-ray Sensor | L-Shaped Photodiode Array (Dual-energetic) , 24bit Deep |
| Image Display | High resolution of 1024 * 1280 pixel; Image Grey Level: 4096 |
| Image Enhancement | 1-64times enlargement continuity, Color or B/W, negative, high/low penetration, organic /inorganic Stripping, Edge enhancement, etc. |
| Image Recall&Scroll | All preceding images recallable,move image forward and backward on screen |
| Explosives & Narcotics Detection | Explosives & narcotics alarm and highlight according to atomic No signature |
| High Density Region Alarm | Impenetrable region alarm and highlight, for possible concealing of threats and contrabands |
| Threat Image Projection | Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability |
| Image Archive | Up to 150,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP,PNG and other general formats |
| Miscellaneous Functions | Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, system setting, system log/exit, system standby and stimulant training,generator preheating auto,record print |
| Network Applications | Multiple remote applications available based on internet and windows platform, such as image centralized storage and identify, recheck at workstation, and Teamview |
| Images process | 32bit real time processing ,4colors analysis, Images displayed marked date and ID No, Count the number of bags |
| Auto Scanning function | Sensor built in entry of tunnel ,when we put object on conveyor, the machine will start to scan the objects automatically,need not to manual operate it. |
| Bi-Direction Scanning | Two directional scanning forward and backward ,Images will display both ways on the screen,user can set moving direction in the system . |

| Operating Environment | |
|---|---|
| Operation temperature/Humidity | 0℃-45℃ / 5%-95%(non-condensing) |
| Storage Temperature/Humidity | -40℃to 70℃ / 5%-95%(non-condensing) |
| Operation Power | 220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC) |
| UPS | 15mins, 30mins, 60mins etc, optional |

| Computer and other | |
|---|---|
| Monitor | High Resolution Color, 1280*1024 LCD PHILIPS, 19inch |
| Hard Disk | SEAGATE brand 1TB memory |
| CPU | Intel i5 8500 |
| Storage | 2GB 1600MHz DDR3 Innodisk |
| Main board | IMX6_mainboard-V037 |
| Keyboard | made in stainless steel,special operation keyboard with touch mouse |
| Control console | self-made single monitor table （1000x750x1238mm） |
| System | Windows 7 or XP system support |

| Compliance certificate | |
|---|---|
| International & China | * ISO19001；ISO14001；OHSMS18001；<br>* CE SGS<br>* USA FDA<br>* Radiation Safety Certificate from Ministry of Public Security |

**Demension size (mm)**