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X RAY BAGGAGE SCANNER

Model: SPX-8065

**INTELLIGENT SOFTWARE
& SAFETY HARDWARE**

Introduction:

The SPX-8065 direct transmission X-ray system features a raised conveyor that enables sharper, larger screen images while making loading and offloading easier. This heavy-duty conveyerized scanner is designed for screening large objects, hold baggage and cargo for concealed weapons, explosives and contraband. Multi-energy color marking allows operators to quickly spot areas of concern in the most thickly packed parcels, bulk loads and baggage.

- Auto Sensing assures 100% screening of all items, no matter how thin or low
- Ideal for inspecting oversized and out-of-gauge objects

X-ray Generator:

- Generator Voltage: 140kv
- Tube current : 0.3mA
- Generate angle: 80 degree upward
- Beam direction: diagonal downward

Other Characters:

- Cooling / Duty Cycle: Oil Cooling /100%
- Detector PCB: UK Brand
- Extension Rollers: customize size length for option

Computer Character:

- CPU: Intel(R) Celeron(R), 2.60-2.70GHz
- RAM Storage: 2GB
- Hard Disk: 500G
- Computer system: Windows XP
- Monitor: 2pcs 17" ,LCD . Resolution : 1280x1024
- UPS: 15minutes, 30 minutes, 1 hours or more optional
- Stainless steel console for monitor



High resolution image



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General Specification:

- Dimensions (L×W×H) :2848.5mm x1095mm x1535.5 mm
- Device Weight: 640KGS
- Tunnel Size: 810mm×655mm
- Conveyor Speed: 0.2m/s
- Conveyor height : 338.5mm
- Conveyor Max Load:200kg
- Wire Resolution:38AWG
- Penetration: 27mm steel
- Film Safety :Guarantee ASA/ISO1600 Film
- X-ray Leakage: <1 μ Sv/h (at a distance of 5cm From external housing)



Friendly operation keyboard

Image System:

- Technical Principle: Dual-energy X-ray Imaging;
- X-ray Sensor: L-Shaped Photodiode Array (multi-energetic) , 16bit Deep
- Monitor: High Resolution Color, LCD Accord, 17inch
- Image Display: High resolution of 1024 * 1280 pixel; Image Grey Level: 65536
- Image Enhancement: 1-64times enlargement continuity, Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color, etc.
- Image Recall: 30 images recallable, retrieval.
- Explosives & Narcotics Detection: Explosives & narcotics alarm and highlight according to atomic number 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 50,000 images stored automatically, enable transferring to USB disk, and converting to XF, PNG, BMP, JPEG, TIFF, GIF etc formats
- Miscellaneous Functions : Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and stimulant training, ADS etc.
- Images process: 24bit real time processing ,4colors analysis, Images displayed marked date and ID NO ,Count the number of bags ,Memory gray level:65536
- Software password protection : All software features of machine are online and password Protected and all software features are controlled from key board of machine only
- Online recording facility : The machine has online recording facility and images can be transferred to external storage device through USB port.
- Through put : 720 bags per hour for hand and checked baggage Dual-energy distinguish retrieval
- Objects: Selective detection of Objects by atomic number, organic objects in orange, inorganic objects in blue, mixture in green.

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