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X RAY BAGGAGE SCANNER

Model:SPX-6040

**INTELLIGENT SOFTWARE
& SAFETY HARDWARE**



Introduction:

The user-friendly SPX-6040 delivers best-in-class speed and detection capability and makes the most of available space. This single-source, dual-energy system is designed to screen small- to mid-sized items for weapons, explosives, drugs and other contraband. The right size for scanning strollers, briefcases, backpacks, purses and other hand-carried items, this compact workhorse is ready to meet the toughest throughput demands.

The system's low profile, bottom-up generator design makes fine lines appear much sharper and larger on-screen. With a trim footprint, the user-friendly SPX-6040 delivers best-in-class speed and detection capability even where space is limited.

Computer Character:

- CPU: Intel(R) Celeron(R), 2.60-2.70GHz
- RAM Storage: 2GB
- Hard Disk: 500G
- Computer system: Windows XP
- Monitor: 17" ,LCD . Resolution : 1280x1024

Other Characters:

- Cooling / Duty Cycle: 100% No warm up (Oil Cooling)
- Extension Rollers: customize size length
- Detector PCB: UK brand
- 15 minutes, 30 minutes, 1 hour or more (option)

Advantages:

- Fits in elevators, narrow halls and tight spaces
- Patented guided conveyor belt never needs adjusting

X-ray Generator:

- Anode Voltage: 140kv
- Anode power: 0.3mA
- Generate angle: 80 degree
- Beam direction: from bottom to top



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General Specification:

- Dimensions (L×W×H):2007mm x850mm x1314 mm
- Gross Weight: 455Kg
- Tunnel Size: 614mm×417.5mm
- Conveyor Speed: 0.2m/s
- Conveyor height: 684.5mm
- Conveyor Max Load: 170kg
- Dual direction scanning
- Wire Resolution: 38AWG
- Spatial resolution: Level: dia1.0mm, Vertical: dia1.0mm
- Penetration: 30 mm steel guarantee, 32mm steel typical
- Film Safety: guarantee ASA/ISO1600 Film
- X-ray Leakage: <1 μ Sv/h (at a distance of 5cm from external housing)



Image System:

- Technical Principle: Dual-energy X-ray Imaging; L Shaped Array,
- X-ray Sensor: L-Shaped Photodiode Array (multi-energetic), 16bit Deep
- Image Display: High resolution Of 1024 * 1280 pixels; 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 JPG, BMP 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, 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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