



Product highlights

- * Multilingual operation
- * Automatic built in test and self diagnosis
- * Secure access Key
- * Threat alert and material classification
- * Auto archiving
- * Energy saving design
- * One key turn off
- * Drugs and explosives inspection
- * Indication of the date and time
- * baggage counter

X-ray Generator (single)

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|----------------------|--------------------------|
| Anode Voltage | 80 KV |
| Ray direction | Upward |
| Cooling / Duty Cycle | Sealed oil cooling /100% |

General specifications

Physical Specifications

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|--------------------|-----------------|
| Unit weight (kgs) | 260 |
| Unit size (mm) | 503(L)*295.5(W) |
| Gross weight (kgs) | 350 |
| Packing size | 179*87*137cm |

General Specifications

| | |
|--------------------------------|-----------------------------------------------------------------|
| Tunnel size(mm) | 503(L)*295.5(W) |
| Conveyor Speed(m/s) | 0.4 |
| Conveyor height(mm) | 663.5 |
| Conveyor Max Load(kgs) | 100 |
| X ray dose per each inspection | ≤3.5μGy |
| X ray leakage | <1μGy/h at any point 5 centimeters outside the external surface |
| Steel penetration | 11 mm guaranteed |
| Wire Resolution | Dia 0.0787mm copper wire (AWG40) guaranteed |
| Penetration Resolution | Dia 0.202mm copper wire (AWG32) guaranteed |
| Spatial resolution: | Horizontal: dia 1.0mm, Vertical: dia 1.0mm |
| Power Consumption | max. 500W |
| Noise | <60 dB |
| Film Safety | Guarantee ASA/ISO1600 Film |

Imaging System

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X-ray Sensor | L-Shaped Photodiode Array, 12bit deep |
| Images process | 24bit real time processing, 4colors analysis, Images displayed marked date and ID No., Count the number of bags |
| Image display | High resolution of 1024 * 1280 pixel; Image Grey Level: 4096 |
| Image Enhancement | 1-32times enlargement continuity, Color/BW, negative, high/low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/inorganics, local enhancement, pseudo color processing, edge enhancement, 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 Projection(TIP) | 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 |

Operating Environment

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|--------------------------------|-------------------------------------------------------------|
| Operation temperature/Humidity | 5°C-40°C / 0%-90%(non-condensing) |
| Storage Temperature/Humidity | -20°Cto 60°C / 10%-90%(non-condensing) |
| Operation Power | 220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC) |
| UPS | Options: 15mins, 30mins, 60mins etc |

Computer and other

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|-----------------|----------------------------------------------------------------------|
| Monitor | High Resolution Color, 21.5 inch |
| RAM | 1GB |
| Keyboard | Special designed |
| System | Embedded Linux operating system, multi core ARM, stable and reliable |
| Electric roller | Single-phase |

Compliance

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|---------------|--------------------------------------------------------------|
| International | * ISO19001 ; ISO14001 ; ISO45001 ; * CE RoHS * FDA FCC |
|---------------|--------------------------------------------------------------|

Imaging



Dimensions

