

X-Ray Baggage Inspection System

TH6550

Features:

- Linux operation system
- ARM CPU
- Digital signal and processor
- Continuous hard work for 10000 hours
- Energy saving design
- High penetration
- Good quality images



Technical Specifications:

Tunnel size(mm)	658(L)*495.5(W)
Conveyor Speed(m/s)	0.2
Conveyor height(mm)	700
Conveyor Max Load(kgs)	200
X ray dose per each inspection	Typical 2.0 μ Gy, guarantee 2.5 μ Gy
X ray leakage	Typical 1.0 μ Gy/h, guarantee 1.5 μ Gy/h
Penetration	Typical 30mm, guarantee 27mm
Wire Resolution	Typical AWG38, guarantee AWG36
Penetration Resolution	Typical AWG30, guarantee AWG30
Spatial resolution	Typical dia1.0mm, Vertical: dia1.0mm; Guarantee dia1.3mm, Vertical: dia1.3mm
Power Consumption	0.5KVA
Noise	< 60 dB
Film Safety	Guarantee ASA/ISO1600 Film
Software System	
Image Display	High resolution of 1024 * 1280 pixel
Image Enhancement	Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color etc.
Image Recall	30 images recallable, retrieval
Image Archive	Up to 500,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other general formats
Real-time Curve	Real-time curve to see if the detection system and other components work well
Others	Fault diagnosis, system time setting, detection blind dots delete, x-ray source setting (analog or digital), alarm setting, images setting, software register, user management, TIP report, data setting (machine working time, x-ray source working time, baggage counter etc.)

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X-ray Generator (single)	
Anode Voltage	140 KV
Anode power	0.5mA
Generate angle	80 degree upward
Generate direct	from bottom to top
Cooling / Duty Cycle	Oil Cooling /100%
Computer and other	
Monitor	High Resolution Color, LCD Accord, 17inch
Hard Disk	SEAGATE 500G 3.5"
CPU	Cortex A9
Storage	1GB
Main board	IMX6_mainboard-V030, made by Safeway
Physical Specifications	
Unit weight (kgs)	450
Unit size (mm)	2194.7(L)*902(W)*1362.5(H)
Gross weight (kgs)	650
Packing size	1. 237*105*166cm 2. 86*87*142cm
Operating Environment	
Operation temperature/Humidity	5°C-40°C / 0%-90%(non-condensing)
Storage Temperature/Humidity	-40°Cto 70°C / 5%-95%(non-condensing)
Operation Power	220VAC (±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC)