X-Ray Baggage Inspection Machine

Model: XT6550

Tunnel Size : 650（W）×500（H）mm
Power Requirement: 220V AC (±10%)   50±3Hz

Power consumption: 1.0KW (Max)

Noise level: <58dB

Conveyor Speed: 0.22m/s
Conveyor Max Load: 170 kg
Wire Resolution: 40AWG
Spatial Resolution: 1.0mm Horizontal and Vertical
Steel Penetration: 40mm
Single inspection dosage: < 1.2μGy

Leakage radiation: <0.1μGy/h

Film Safety: Guarantee ISO1600 Film

X-Ray Generator Specifications

Tube Current:0.4~1.2MA（adjustable）
Anode Voltage:100~160KV（adjustable）
Cooling: Sealed oil bath with forced air
Duty Cycle: Rated for 100％Duty Cycle
Beam Direction: Upward

Beam Angle: 60°

Detector: L-shaped Array

Image Display

19''High Resolution LCD Monitor
Display Resolution: 1280*1024; 24 bit/pixel Color
Colour Contrast Sensitivity: 24 Visible Levels, 4096 Gray Level
Image storage: 100,000 pictures in real time (can be customized)
Zoom: 64 Times Enlarge, Whole screen continuous observation
Multi-Energy (M) colour material identification: Organic objects in orange color, inorganic objects in blue colour, mixture in green colour

Edge enhancement: Object contour edge is more distinct

Super image enhancement: Image detail is more distinct

High penetration display: Increase the contrast of bright area in image to make the area that is easy to

penetrate appear more clearly

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Low penetration display: Increase the contrast of dark areas in image to make the area that is difficult to penetrate appear more clearly.

Brightening/dimming: Increase/Decrease brightness of image

Image recurrence: Display the previous twenty images and process any one of them

Image restoration: Restore image to initial status

Assist to detect drug and explosive powder

Special features:

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error

One-key shutdown control: Just rotate the key to shut down the machine; it is safe, easy and convenient

Eagle eye: Capable of expediently observe the magnifying area

Self-diagnosis function: Give message automatically if malfunctioning for prompt maintenance

Environment Specifications:

Operating temperature/humidity: $0℃ \sim 45℃/20\% \sim 95\%$ (Non-condensing)

Storage temperature/humidity: $-20℃ \sim 60℃/20\% \sim 95\%$ (Non-condensing)