eSSL®
Security at Fingertips

eBS6040A

X ray Baggage Scanner



GENERAL SPECIFICATIONS

Tunnel Size : 600 (W) × 400 (H) mm
Conveyor Speed : 0.22m/s
Conveyor Max Load : 150 kg
Single inspection dosage : < 1.01μGy
Leakage radiation : <0.06μGy/h
Wire Resolution : 40AWG (0.0787mm metal line)
Steel Penetration : 10mm
Film Safety : For ISO 1600
Radiation levels at 5 cm from the outer surface of the equipment : < 0.06μGy/h

X-ray GENERATOR:

Orientation : Upward
Tube Current : 0.4-0.7mA (adjustable)
Anode voltage : 80KV
Angle : 60 °
Generator cooling/working periods : sealed oil bath with forced air/100%
Number of X-ray tubes in the equipment : 1
Maximum tube potential (kV) of the mentioned X-ray : 100kV

OPERATING ENVIRONMENT

Storage Temperature : -20°C to 60°C
Operating Temperature : 0°C to 40°C
Relative Humidity : 20 to 95% non-condensing
System Power : 220 VAC (±10%) 50+3HZ
Power wastage : 1.0 KW (Max)
Noise : <58DB

X-RAY SENSOR : L-shaped array detector, 24bit Single energy

IMAGE PERFORMANCE SYSTEM

- Display : High-resolution 19 inch color LCD display
- Color quality : 24-Bit real colors based on materials
- 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.
- Low penetration display : Increase the contrast of dark area in image to make the area that is difficult to penetrate appear more clearly.
- Magnifier : Partial magnifying function
- 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
- Image storage : Real-time store any image and process it in operation status

MULTI-ENERGY

High/low energy : Switch from high energy to low energy

COLOR MATERIAL IDENTIFICATION

Color material identification: Organic objects in orange, inorganic objects in blue, mixture in green

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 safety, easy and convenient
- Eagle eye : Capable of expediently observing the magnifying area
- Self-diagnosis function : Give message automatically if malfunction for prompt maintenance
- CE /IEC certificate or country of origin certificate or equivalent mentioning model name of applied equipment : CE EN ISO 12100:2010

Disclaimer : Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.