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

ISO FC CE ROHS