

AT8065

Big Size X ray Baggage Scanner



General Specification

Tunnel Size: 800(W)*650(H)mm
Conveyor Speed: 0.22m/s
Conveyor Max Load: 200kg
Dose per Inspection <math>< 1.6 \mu\text{Gy/h}</math>
Resolution <math>< 0.0787\text{mm}</math> Copper Wire
Spatial resolution:
Level: dia 1.3mm, Vertical: dia 1.0mm
Penetrate resolution: Dia 0.511mm
Penetration: 34mm Steel
Film Safety: Guarantee ISO1600 Film
X-ray Leakage: <math>< 0.1 \mu\text{Gy/h}</math>
(at a distance of 5cm From external housing)

Image System

X-ray Sensor: L-Shaped Photodiode Array (multi-energetic) , 12bit Deep
Monitor: High Resolution Color, LCD Accord, 17 inch
Image Processing: Edge enhancement, image strengthening, image lightening, reducing darkening, image returning, image retrieval.
Image Grey Level: 4096
Image Max Resolution: 1024 * 1280 pixel
Image Processing: 24bit for processing real time
Image storage: Storage 60000 pictures in real time
Zoom: 2,4,8,16 Times Enlarge, Whole screen continuous observation
Multi-energetic distinguish objects : organic objects in orange, inorganic objects in blue, mixture in green
High-energy/low energy : switch from high energy to low energy

X-ray Generator

Generate direct: Downward
Generate angle: 80 degree
Anode Voltage: 100~160Kv
Anode power: 0.4 to 1.2mA
Cooling / Duty Cycle: Oil Cooling /100%

Installation Data

- Operation temperature/Humidity: 0-45/20%-95%(non-condensing)
- Storage Temperature/Humidity: -20-60/20%-95%(non-condensing)
- Operation Power: 220VAC(!10%)50!3Hz
- Power Consumption: 1.0 KW (max), 0.9KW (working)
- Noise: <math>< 58\text{db}</math>