

AT10080

Big Size X ray Baggage Scanner



General Specification

- Dose per Inspection <math>< 1.7 \mu\text{Gy/h}</math>
- Resolution <math>< 0.101\text{mm}</math> Copper Wire
- Spatial resolution: Level: dia 1.3mm, Vertical: dia 1.0mm
- Penetrate resolution: Dia 0.511mm
- 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, imagereturning, 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

Assist to detect drug and explosive powder

Installation Data

Operation temperature/Humidity: 0°C-45°C/20%-95%(non-condensing)

Storage Temperature/Humidity: -20°C-60°C/20%-95%(non-condensing)

Operation Power: 220VAC($\pm 10\%$)50 \pm 3Hz

Power Consumption: 1.0 KW (max), 1.0KW(working)

Noise: <math>< 58\text{db}</math>

X-ray Generator

Generate direct: Downward

Generate angle: 80 degree

Anode Voltage: 140Kv

Anode power: 0.4 to 1.2mA

Cooling / Duty Cycle: Oil Cooling /100%