AT10080T
Triple-View X ray

Triple-view x-ray scanner introduction :
Confronted with economic crisis, frequent terrorist attacks, nowadays x-ray scanner meets higher market requirement. The limitations of single view(one x-ray generator only) have been recognized gradually. Multi-view x-ray scanner(more than one x-ray generator) has been adopted in airport and other important sectors in Europe and North America. In near future, multi-view x-ray scanner will become popular in more countries. With the efforts of elite team, SEE developed the first **triple-view x-ray scanner** AT10080T/AT100100T and we believe with its outstanding performance, it will quickly become market newly favor.

General Specification

Tunnel Size: 1000(W)*800(H)mm
Conveyor Speed: 0.50m/s
Conveyor height : 795mm
Conveyor Max Load: 200kg (75kg/m²)
Dose per Inspection<14µSv per inspection
Resolution: 40AWG
Spatial resolution: Level: dia1.3mm, Vertical: dia1.0mm
Penetrate resolution: 24WG to 34AWG
Penetration: 38mm Steel
Film Safety: Guarantee ISO1600 Film(33 DIN)
X-ray Leakage < 0.5µSv /h at the distance of 5 cm 2" from external housing
Operation Cycle: 100%,[start -up time about 1-2 for boot procedure and self-tests]
Throughput : Typically 2000 to 2300items/h
Data recording mediums : No damage to computer memories, such as cassettes, floppy disks or hard disks due to x-rays.
X-ray Sensor: L-Shaped Photodiode Array (multi-energetic), 12bit Deep
Monitor: High Resolution Color, LCD Accord, 17inch

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X-ray Generator

Generate quantity: 3 pieces of generator in difference direction.
Beam direction : vertical and horizontal
Anode Voltage: 100~160Kv
Anode power: 0.4 to 1.2mA
Cooling / Duty Cycle: Oil Cooling /100

Operating Environment

Operation temperature/Humidity: 5ºC to 40ºC/10%-90%(non-condensing)
Storage Temperature/Humidity: -20ºC to 60ºC/10%-90%(non-condensing)
Operation Power: 220VAC(+10%~-15%)50±3Hz (Optional: 100V AC(+10%~-15%), 60Hz±3Hz)
Power Consumption: <2.0KVA
Noise: <58db

Software System

Image Processing: Edge enhancement, image strengthening, image lightening, reducing darkening, image returning, image retrieval.
Threat Image Projection software
Screeners assist Threat Detection System.
Remote workstations
Supervisor workstation
Automated explosive threat detection system
Image Grey Level: 65536
Image Max Resolution: 1024 * 1280 pixel
Image Processing: 24bit for processing real time
Image storage: Storage 60000 pictures in real time
Zoom: 64 Times Enlarge, Whole screen continuous observation
Multi-energetic distinguish objects: organic objects in orange, inorganic objects in blue, mixture in green
Automatic explosive detection system, by means of high performance parallel computing

Advantage Features

No mater the threat is in vertical, horizontal or oblique angle; at least one view of the three can show you full image.

Wonderful scanning speed---one triple view X Ray device and take over the jobs of 2.5 single view X Ray device.

Cost effective compared with CT X Ray Device.