X-Ray Baggage Scanner ArcanoScan Dual View AT10080DV

Product highlights

*Two generator, two view perspective dual energy imaging
* Multilingual operation
* Automatic built in test and self diagnosis
* Secure access Key
* Uninterruptable power supply (UPS)
* Threat alert and material classification
* Auto archiving
* Network-Ready
* Energy saving design
* One key turn off
* Drugs and explosives inspection
* Indication of the date and time
* baggage counter

Physical Specifications	
Unit weight (kgs)	950
Unit size (mm)	3205(L)*1737.5(W)*1648(H)
after packed in wooden pallet -	
Gross weight (kgs)	1050
Packing size	#1: 248*189*188cm
	#2: 112*90*142cm

General Specifications	
Tunnel size(mm)	1000(L)*800(W)
Conveyor Speed(m/s)	0.2
Conveyor height(mm)	301
Conveyor Max Load(kgs)	200
X ray dose per each inspection	< 5 μSv
X ray leakage	<1.5 μSv / h at the distance of 5 cm 2” from external housing
Penetration	38mm steel
Wire Resolution	dia 0.0787mm copper wire (AWG40)
Penetration Resolution	dia 0.202mm copper wire (AWG32) under three-step aluminum wedge 9.5mm, 15.9mm, 22.2mm
Spatial resolution:	Horizontal:dia1.0mm,Vertical: dia1.0mm
Power Consumption	max. 1.5KW

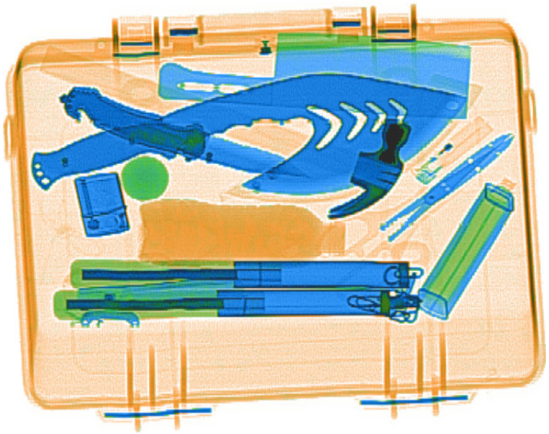
Noise	56.3 dB
Film Safety	Guarantee ASA/ISO1600 Film

X-ray Generator (TWO)	
Anode Voltage	160kv
Anode power	0.4-1.2mA (adjustable)
Generate direct	Vertical and horizontal
Cooling / Duty Cycle	Oil Cooling /100%
Brand	self-made

Image System	
X-ray Sensor	L-Shaped Photodiode Array (multi-energetic) , 12bit Deep
Image Display	High resolution of 1024 * 1280 pixel; Image Grey Level: 4096
Image Enhancement	1-64times enlargement continuity, Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color, etc.
Image Recall	All preceding images recallable, retrieval
Explosives & Narcotics Detection	Explosives & narcotics alarm and highlight according to atomic number signature
High Density Region Alarm	Impenetrable region alarm and highlight, for possible concealing of threats and contrabands
Threat Image Projection	Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability
Image Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other general formats
Miscellaneous Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and stimulant training, ADS etc.
Network Applications	Multiple remote applications available based on Ethernet LAN and windows platform, such as image centralized storage and identify, recheck workstation, and network TIP, etc (Optional) .
Images process	24bit real time processing ,4colors analysis, Images displayed marked date and ID NO ,Count the number of bags

Operating Environment	
Operation temperature/Humidity	0℃-45℃ / 5%-95%(non-condensing)
Storage Temperature/Humidity	-40℃to 70℃ / 5%-95%(non-condensing)
Operation Power	220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC)
UPS	15mins, 30mins, 60mins etc, optional

Computer and other	
Monitor	High Resolution Color, LCD Accord, 17inch
Hard Disk	SEAGATE 500G 3.5”
CPU	Intel（R） Celeron（R）3.3GHz
Storage	2GB 1600MHz DDR3 Innodisk
Main board	H61 SYM76993VGGA

Compliance	
International	* ISO19001 ; ISO14001 ; OHSMS18001 ; * CE * USA FDA * Maximum X-ray leakage of less than 5 μSv/h(0.5mR/h) measured at 5cm from any external surface. (European standard - less than 1 μSv/h(0.1mR/h) measured at 10cm from any external surface)
National	* Health Inspection Report * Computer Software Copyright Registration Certificate * Software Product Registration Certificate * Radiation Safety Certificate from Ministry of Public Security * Quality Certification

Screening Images