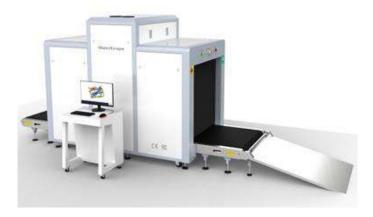
MatriXcope

MTC-XR1010 X-Ray Baggage Scanner





Product highlights

- * Multilingual operation
- * Automatic built in test and self diagnosis
- * Secure access Key
- * Threat alert and material classification
- * Auto archiving
- * Energy saving design
- * One key turn off
- * Drugs and explosives inspection
- * Indication of the date and time
- * Baggage counter

X-ray Generator (single)

Anode Voltage	160 KV
Ray direction	Downward
Cooling / Duty Cycle	Sealed oil cooling /100%

General specifications

Tunnel size(mm)	1000(L)*1000(W)		
Conveyor Speed(m/s)	0.4		
Conveyor height(mm)	341		
Conveyor Max Load(kgs)			
X ray dose per each inspection	≤3.5µGy		
X ray leakage	<1µGy/h at any point 5 centimeters outside the external surface		
Penetration	39 mm steel		
Wire Resolution	AWG36		
Penetration Resolution	AWG30		
Spatial resolution	Horizontal:dia 2.0mm, Vertical: dia 2.0mm		
Power Consumption	max. 1KW		
Noise	<60 dB		
Film Safety	Guarantee ASA/ISO1600 Film		
Imaging System			
X-ray Sensor	L-Shaped Photodiode Array, 12bit deep		
Images process	24bit real time processing ,4colors analysis, Images displayed marked date and ID No., Count the number of bags		
Image display	High resolution of 1920*1080 pixel; Image Grey Level: 65536		
Image Enhancement	1-32 times enlargement continuity, Color/BW, negative, high/low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/inorganics, local enhancement pseudo color processing, edge enhancement, etc.		
Explosives & Narcotics Detection	Suspicious organics highlight(atomic number Zeff=7,8,9)		
Suspecious Alarm	Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs		
Threat Image Projection(TIP)	Inserting fictional, but realistic images o threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability		
Image Recall	30 images recallable		
Image Archive	Up to 10,000 images stored automatically, enable transferring to USB disk, and converting to JPG format		
Miscellaneous Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, system log, system standby and stimulant training, etc.		
Options	Dual-direction scanning, inteligent roller		

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Operating Environment		Imaging	
Operation temperature/Humidity	5°C-40°C / 0%-90%(non-condensing)		
Storage Temperature/Humidity	-20°Cto 60°C / 10%-90%(non-condensing)	5.4	6
Operation Power	220VAC(±10%) 50±3Hz (Options: 110- 120V, 230-240V, 60Hz)	By and the	1
Stabilizer and UPS	Optional	R.C.	
Computer and other			
Monitor	One 21.5-inch LCD monitor, 1920*1080, no console desk	9	1
RAM	1GB		
Hard Disk	1T		
Keyboard	Special designed		
System	Embedded Linux operating system, multi core ARM, stable and reliable	0	-
Electric roller	Three-phase	(Commence of the local day of the local	- 0
Compliance			120
International	* ISO19001; ISO14001; ISO45001 * CE RoHS * FDA FCC		

Dimensions

