



### Small Baggage X-Ray Scanner with 16" x 10" Tunnel

**Specifications** 





#### Features:

- Multilingual operation
- · Automatic built-in test and self-diagnosis
- Secure access Key
- Threat alert and material classification
- Auto archiving
- · One key turn off
- · Drugs and explosives inspection
- Indication of the date and time
- · Baggage counter
- · Detect PCB board
- USA Sensortech Extension Rollers, customize size length
- Support card reader operator access
- CD DVR/RW unit: Optional Computer system: XP system UPS: 15mins, 30mins, 60mins etc,
- Windows 10, Dual energy, Sens-Tech data processor w/Hamamatsu detector
- Options: Extension rollers, intelligent roller, UPS, Spellman generator, etc.
- No console available
- · Uninterruptible power supply (UPS)
- · Energy Saving Design

#### Models Available

MODEL	STEEL PENETRATION	X-Ray Generator
2MX-5030	32mm	140kv
2MX-5030H	38mm	160kv

PHYSICAL SPECIFICATIONS		
Unit Weight	300 kg/661.4 lbs	
Unit Size (LxWxH)	1660 x 746 x 1165 (mm)/65.4" x 29.4" x 45.9" (in)	
Gross Weight	400 kg / 881.8 lbs	
Packing Size	179 x 87 x 137 (cm)/70.5" x 34.3" x 53.9" (in)	
GENERAL SPECIFICATIONS		
Tunnel Size (LxW)	503 x 295.5 (mm)/16.5' x 9.7' (ft)	
Conveyor Speed	0.22 m/s	
Conveyor Height	663.5 mm / 26.1" (in)	
Conveyor Max Load	100 kgs /	
X-ray Dose Per		
Each Inspection	≤2.5µGy	
X-ray Leakage	${\leq}1\mu\text{Sv/h}$ at any point 5 centimeters outside the external surface	
Penetration	32mm steel	
Wire Resolution	dia 0.0787mm copper wire (AWG40)	
Penetration Resolution	dia 0.202mm copper wire (AWG32) under three-step alumi- num wedge 9.5mm, 15.9mm, 22.2mm	
Spatial resolution:	Horizontal: dia 1.0mm, Vertical: dia 1.0mm	
Power Consumption	Max. 500W	
Noise	<60 dB	
Film Safety	Guarantee ASA/ISO1600 Film	
X-RAY GENERATOR (SINGLE)		
Anode Voltage	140 KV	
Ray Direction	Upward	
Cooling / Duty Cycle	Sealed oil cooling /100%	
IMAGING SYSTEM		
X-ray Sensor	L-Shaped Photo diode Array, 12bit deep	
Image Processor	24bit real time processing, 4 color analysis, Images dis- played stamped with date and ID number, baggage counter	
Image Display	High resolution of 1024x1280 pixel; Image Grey Level: 4096	
Image Enhancement	1-64times enlargement continuity, Color/BW, negative, high/ low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/in- organic, local enhancement, pseudo color processing, edge enhancement, etc.	
Explosives & Narcotics Detection	Suspect organics highlight (atomic number Zeff=7,8,9)	
Suspect Alarm	Audible alarm and box will outline the suspicious object(s) on the screen to include hard to penetrate materials, explosives and drugs	
Threat Image Projection (TIP)	Insertion of fictional but realistic images of threatening items into baggage during screening operation for training purpos- es to assess image identification capabilities	
Image Recall	30 recallable images	
Image Archive	Up to 100,000 images stored automatically, can be trans- ferred to a USB disk, and converted 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, system log, system standby and simulated real-world training, etc.	



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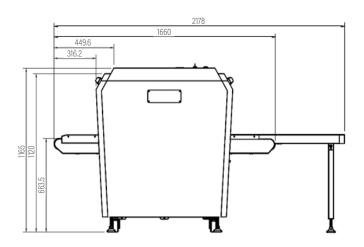
# **ECHNOLOGY** DESIGNED FOR LIFE

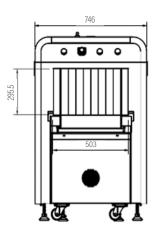
## Small Baggage X-Ray Scanner with 16" x 10" Tunnel

**Dimensions (mm)** 

Options	Intelligent roller, etc.	
OPERATING ENVIRONMENT		
Operation Temperature/ Humidity	$5^\circ\text{C}$ to $40^\circ\text{C}/0\%$ to 90%(non-condensing)	
Storage Temperature/ Humidity	-20°C to 60°C/10% to 90%(non-condensing)	
Operation Power	220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC)	
UPS	Options: 15mins, 30mins, 60mins etc	
COMPUTER AND OTHER		
Monitor	High Resolution Color, 1280 x 1024 LCD 17" inch	
RAM	4GB	
Hard Disk	2TB	
Keyboard	Special designed + Normal keyboard	
System	Windows 10	
Electric Roller	Single-phase	
COMPLIANCE		
International	<ul> <li>ISO19001; ISO14001; OHSMS18001;</li> <li>CE RoHS</li> <li>FDA FCC</li> </ul>	

\*Product specifications and availability are subject to change without notice.





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