









## **Features**

- Available in two density penetration capacities of 30mm or 38mm (1.2" in. or 1.5" in.)
- · Sens-Tech detection board and Hamamatsu detector
- · High resolution, high penetration and good image quality
- · High load-bearing capacity
- Multilingual operation
- · Automatic built in test and self diagnosis
- · Secure access key
- Threat alert and material classification
- · Auto archiving
- . One key turn off with patent
- Drugs and explosives inspection
- . Indication of the date and time
- · Baggage counter

## Models Available

MODEL	STEEL PENETRATION	X-Ray Generator
2MX-6550	30mm/1.2" in	140kv
2MX-6550H	38mm/1.5" in.	160kv

## **Specifications**

GENERAL SPECIFICATIONS		
Tunnel Size (WxH)	658 x 490 (mm) / 25.9" x 19.3" (in.)	
Unit Weight	480 kg/1058.2 lbs	
Unit Size (LxWxH)	2195 x 902 x 1362(mm)/86.4" x 35.5" x 53.6" (in)	
Palletized Gross Weight	1895.9 lbs [860 kg]	
Packing Size	#1: 105.5" x 59.8" x 64.6" (in) [268 x 152 x 164 (cm)] #2: 44.5" x 36.6" x 55.9" (in) [113 x 93 x 142 (cm)] #3: 61.8" x 32.3" x 17.3" (in) [157 x 82 x 44 (cm)]	
Conveyor Speed	23 cm/s (0.75 ft/min) Forward or Reverse	
Conveyor Height	700 mm/27.6" in.	
Conveyor Max Load	150 kg/330.7 lbs	
X-Ray Dose Per Each Inspection	≤4.8µ\$v	
X-Ray Leakage	$<\!0.1$ mR/hr at any point 5 cm outside the external surface. (Leakage less than 0.5 mR/hr permitted by the Federal Standard)	
Steel Penetration	30mm / 1.2" in. guaranteed	
Wire Resolution	Horizontal AWG38 / Vertical AWG36 guaranteed	
<b>Penetration Resolution</b>	AWG32 guaranteed	
Spatial Resolution	Horizontal view: 1.3mm Horizontal / Vertical Upward view: 1.0mm Horizontal / Vertical	
Power Consumption	Max. 1KW	
Noise	<60 dB	
Film Safety	Guarantee ASA/ISO1600 Film	
X-RAY GENERATOR (DUAL)		
Anode Voltage	140 KV	
Ray direction	Vertical and Horizontal	
Cooling / Duty Cycle	Sealed oil cooling /100%	
IMAGE SYSTEM		
Detector	2560 channels in two L-Shaped Arrays	
Images Processing	Color / black and white imaging, local enhancement, high pene- tration, low penetration, super enhancement, organic stripping, inorganic stripping, reverse color, brightening, darkening, gray level change/variable contrast, continuously zoom maximum 64x, pseudo color imaging, organics enhancement, suspicious item alarm and notation, edge enhancement imaging, etc.	
Explosives & Narcotics Detection	Suspicious organics highlight (atomic number Zeff=7,8,9)	
Suspicious Alarm	Alarm and box line the suspicious objects including hard to pene- trate material, explosives and drugs	
Threat Image Projection (TIP)	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	
lmage pullback	30 images	
Image Archive	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other formats	
Miscellaneous Functions	Time/date display, counters, user management, system-on/x-ray- on timers, power on self test, built-in diagnostic facilities, bidirec- tional scanning, forced scanning, image search and export, system setting, system log, system standby and stimulant training,etc.	
Options	Intelligent roller, remote work station, network integration, video monitoring, face recognition and baggage integration, recheck station, additional roller table, etc.	















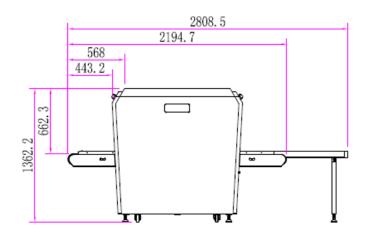
SYSTEM		
Monitor	Dual 24" LCD Color Monitors, 1280 x 1024; 24 Bit/Pixel Color	
Console	A console which can lock the display and keyboard	
CPU	Intel (R) i3 (R) 3.3GHz	
RAM	4GB	
Hard Disk	500 GB HDD, 120 GB SSD • 1 GB Video Card	
Keyboard	Special designed	
Platform	Windows 10	
Backup	Uninterrupted Power Supply (Computer Operation - 20 Minute)	
Roller	1.0m Entry Roller Table	
OPERATING ENVIRONMENT		
Operating Temperature	5°C to 40°C / 5°F to 104°F	
Operating Humidity	0%-90%(non-condensing)	
Storage Temperature	-20°C to 60°C / -4°F to 140°F	
Storage Humidity	10%-90%(non-condensing)	
Power	110VAC±10%, 50/60Hz, 20 Amp Max 220VAC ±10%, 50/60Hz, 15 Amp Max	

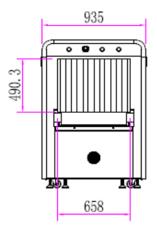
<sup>\*</sup>Product specifications and availability are subject to change without notice.

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## **Dimensions**













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