

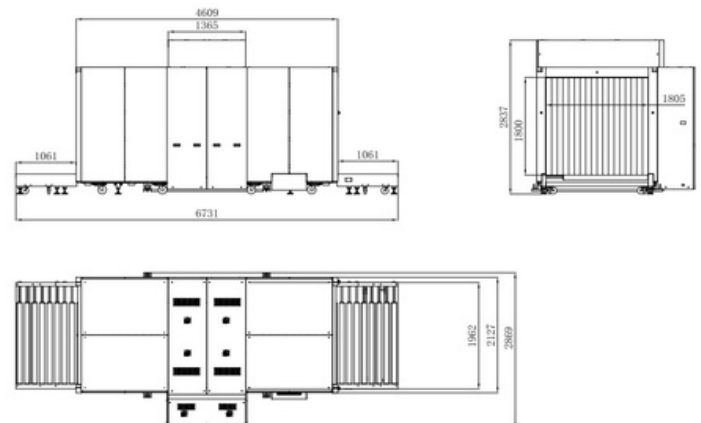
Description

The 2MX-180180D is a specially designed X-ray inspection system with a tunnel opening of 180 cm x 180 cm. Using dual-view technology, it shows clear images of both vertical and horizontal angles. It is especially ideal for screening crates, cargo, and pallet-sized objects at all security sites, including airports and customs locations.

Features

- Dual view technology with images from two angles
- Radiation safe
- High resolution, high penetration, and good image quality
- Multilingual operation
- Automatic built-in test and self-diagnosis for reliable performance
- High load-bearing capacity for large or heavy items
- Threat alert and material classification for enhanced detection
- Energy-saving design
- One key turn-off with patented technology
- Drugs and explosives detection for advanced threat identification

Dimensions



Specifications

PHYSICAL SPECIFICATIONS		
Tunnel Size (W x H)	1805 x 1800 mm (71.1 x 70.9 in)	
Unit Weight	4500 kg (9921 lb)	
Unit Size (L x W x H)	6731 x 2869 x 2837 mm (265 x 113 x 111.7 in)	
Gross Weight (Packed)	5000 kg (11023 lb)	
Packing Size (on wooden pallet)	#1: 515 x 296 x 300 cm #2: 126 x 202 x 53 cm	#3: 126 x 202 x 53 cm #4: 120 x 65 x 100 cm
GENERAL SPECIFICATIONS		
Conveyor Speed	0.22 m/s forward or backward	
Conveyor Height	345 mm (13.6 in)	
Conveyor Capacity	2000 kg (4409 lb)	
Frame Design	304 stainless steel, 2–5 mm cold-rolled plate and square steel, double-layer staggered lead-impregnated safety curtain	
X-Ray Dose/Inspection	≤7μGy	
X-Ray Leakage	≤1μGy/h at any point 5 cm outside the external surface	
Steel Penetration	Horizontal / Vertical 34 mm	
Wire Resolution	Horizontal / Vertical AWG34	
Power Consumption	Max. 4 kW	
Noise	<60 dB	
Film Safety	Guarantee ASA/ISO1600 Film	
X-RAY GENERATOR (TWO)		
Anode Voltage	200 kV	
Beam Direction	Vertical and Horizontal	
Cooling / Duty Cycle	Sealed oil cooling / 100%	
COMPUTER AND OTHER		
Monitor	2x 21.5-inch LCD monitor, 1280*1024	
Console	A console for 2 monitors	
CPU	Intel ® i3 ® 3.3 GHz	
RAM	4GB	
Hard Disk	2TB	
Keyboard	Special designed	
Platform	Windows 10	
Electric Roller	Three-phase	

OPERATING ENVIRONMENT	
Operating Temperature	5°C to 40°C (41°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)
Operation Power	220 V (+10% ~ -15%) 50±3 Hz Options: 100-130V, 200-250V, 60Hz
IMAGING SYSTEM	
Image Processing	Color/black and white imaging, local enhancement, high penetration, low penetration, super enhancement, organic stripping, inorganic stripping, reverse color, brightening, darkening, gray level change/variable contrast, continuously zoom up to 64x, pseudo color imaging, organics enhancement, suspicious item alarm and notation, edge enhancement imaging, etc.
Explosives & Narcotics Detection	Suspicious organics highlight (atomic number X-ray Generator (Two) Zeff=7,8,9)
Suspicious 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 of threat items into baggage during screening operations for maintenance of vigilance, as well as training and assessment of image identification capability
Image Pullback	30 images
Image Archive	Up to 100,000 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, bidirectional scanning, forced scanning, image search and export, system setting, system log, system standby and stimulant training, etc.
Options	Additional roller, UPS, etc.