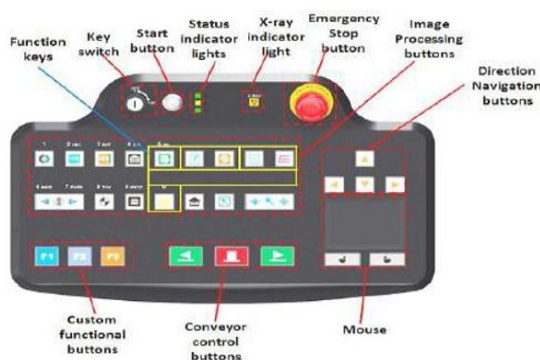**2M TECHNOLOGY**
DESIGNED FOR LIFE

Features

- Multilingual operation
- Automatic built in test and self diagnosis
- Secure access key
- Uninterrupted 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

Specifications

PHYSICAL SPECIFICATIONS	
Tunnel Size (LxW)	1500 x 1800 (mm) / 59" x 70.9" (in.)
Unit Weight	1150 kg / 2535.3 lbs
Unit Size (LxWxH)	2127 x 2230 x 2338 (mm) / 83.7" x 91.7" x 92" (in.)
Gross Weight	1350 kg / 2976.2 lbs
Packing Size	#1: 463 x 273 x 240 (cm) / 182.3" x 107.5" x 94.5" (in.) #2: 176 x 171 x 53 (cm) / 69.3" x 167.3" x 37.2" (in.)

GENERAL SPECIFICATIONS	
Conveyor Speed	0.2 m/s forward and reverse
Conveyor Height	350 mm
Conveyor Capacity	2000 kg/4409 lbs
X-ray dose/Inspection	Typical 2.5 μGy/h, guarantee 3.0 μGy/h
X-ray Leakage	Typical 1.5 μGy/h, guarantee 2.0 μGy/h
Penetration	Typical 34mm, guarantee 32mm
Wire Resolution	Typical AWG38, guarantee AWG36
Penetration Resolution	Typical AWG32, guarantee AWG30
Spatial Resolution	Typical Ø 1.3mm, Vertical: Ø 1.3mm; Guarantee Ø 1.6mm, Vertical: Ø 1.6mm
Power Consumption	Max. 2.0KW
Noise	< 60 dB
Film Safety	Guarantee ASA/ISO1600 Film

IMAGE SYSTEM	
X-ray Sensor	L-Shaped Photo diode Array (multi-energetic) , 16bit Deep
Image Display	High resolution of 1024 x 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 and Narcotic 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 200,000 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).
Image Process	24bit real time processing ,4colors analysis, Images displayed marked date and ID NO ,Count the number of bags

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

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COMPUTER AND OTHER	
Monitor	High Resolution Color, LCD Accord, 17inch
Hard Disk	up to 500GB
CPU	Included
Storage	up to 2GB
COMPLIANCE	
Certificates	ISO19001; ISO14001; OHSMS18001; CE

Imaging