



### Features

#### Key Features:

- Dual view technology with images from two angles
- Radiation safe
- 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
- Energy saving design
- One key turn off with patent
- Drugs and explosives inspection
- Indication of the date and time
- Baggage counter

### Specifications

GENERAL SPECIFICATIONS	
<b>Tunnel size (W x H)</b>	25.98" x 19.72" (in) [660 x 501 (mm)]
<b>Unit weight</b>	1631.42 lbs [740 kg]
<b>Unit size (L x W x H)</b>	100.24" x 53.07" x 54.4" (in) [2456 x 1348 x 1331 (mm)]
<b>Palletized Gross Weight</b>	1895.98 lbs [860 kg]
<b>Packing Size</b>	#1: 105.5" x 59.84" x 64.57" (in) [268 x 152 x 164 (cm)] #2: 44.49" x 36.61" x 55.91" (in) [113 x 93 x 142 (cm)] #3: 61.81" x 32.28" x 17.32" (in) [157 x 82 x 44 (cm)]
<b>Conveyor Speed</b>	23 cm/s (45 ft/min) Forward or Reverse
<b>Conveyor Height</b>	26.34" (in) [669 mm]
<b>Conveyor Max Load(kgs)</b>	363.76 lbs [165 kgs]
<b>X-ray dose per each inspection</b>	≤4.8μSv
<b>X-ray leakage</b>	<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)
<b>Steel penetration</b>	34 mm guaranteed
<b>Wire Resolution</b>	Horizontal AWG38 / Vertical AWG36 guaranteed
<b>Penetration Resolution</b>	AWG32 guaranteed
<b>Spatial resolution</b>	Horizontal view: 1.3mm Horizontal / Vertical Upward view: 1.0mm Horizontal / Vertical
<b>Power Consumption</b>	Max. 1KW
<b>Noise</b>	<60 dB
<b>Film Safety</b>	Guarantee ASA/ISO1600 Film
X-RAY GENERATOR (DUAL)	
<b>Anode Voltage</b>	160 KV
<b>Ray direction</b>	Vertical and Horizontal
<b>Cooling / Duty Cycle</b>	Sealed oil cooling /100%
IMAGE SYSTEM	
<b>Detector</b>	2560 channels in two L-Shaped Arrays
<b>Images Processing</b>	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 maximum 64x, pseudo color imaging, organics enhancement, suspicious item alarm and notation, edge enhancement imaging, etc.
<b>Explosives &amp; Narcotics Detection</b>	Suspicious organics highlight(atomic number Zeff=7,8,9)
<b>Suspicious Alarm</b>	Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs
<b>Threat Image Projection (TIP)</b>	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
<b>Image pullback</b>	30 images
<b>Image Archive</b>	Up to 50,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other formats
<b>Miscellaneous Functions</b>	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.
<b>Options</b>	Intelligent roller, remote work station, network integration, video monitoring, face recognition and baggage integration, recheck station, additional roller table, etc.

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

## Dimensions

