



#### Technical Specifications

Tunnel Size	1000mm(W)x800mm(H) [39.3"(W)x31.5"(H)]
Conveyor Speed	0.5m/s [1.64ft/s]
Conveyor Maximum Load	200kg [440lb]
Pass Rate	2000-3000 pcs/h
Metal Wire Resolution	Minimum 40AWG / $\Phi$ 0.0787mm
Penetration (Steel Plate)	Minimum 40mm Minimum 38mm
Dose per Inspection	Less than 4.2 $\mu$ Gy/h
X-ray Leakage @ 5cm [2"]	Less than 0.45 $\mu$ Gy/h
Film Safety	ASA/ISO1600 Film
Food Medicine and Film	Xray exposure has no adverse effects
Operation System	Windows

#### Image Processing

Image Display	21" Standard (24" Optional)
Image Resolution	Physical 1280x1024 (Visual 1920x1280)
Image Storage	50,000
Image Processing	24bit for processing real time; edge enhancement, straightening, returning, retrieval;
Image Options	Colour / BW, Local Enhancement, High/Low penetrating, Super Enhancement, Inorganic/Organics Exclusion, Negative, Brighting, Darking, Gray-Level
Magnifier	1 to Max. 64x Magnification
Multi Color Display	Orange for organic, blue for inorganic, green for mixture
Threat Image Projection	Yes (TIP), Add/remove objects.
Alarm Function	Automatic alarm on dangerous goods.

#### Electrical

Operating Voltage	110/220V
Max. Power Consumption	<2k VA

#### X-Ray Generator

Sensor Array	Dual energy
X-Ray Generators	Three
Tube Current(adjustable)	0.4A-1.2mA
High/Low Energy	Display Key
Anode Voltage	3 * 160 kV cp
Beam Direction	Top/Side 80°
Cooling/Duty Cycle	Oil cooling/100%

#### Environmental

Operating Temperature	0°C to 45°C [32°F to 114°F]
Storage Temperature	-40°C to 60°C [-40°F to 140°F]
Operating Humidity	20% to 95% (non-condensing)
Storage Humidity	20% to 95% (non-condensing)
Noise Level	< 58dB(A)

#### Physical

Length	3060mm [120.47"] - including IN/OUT conveyor belts
Width	1687mm [66.44"]
Height(without the console)	1795mm [69.87"] - conveyor belt height 795mm [31.30"]
Weight	1150kg [2535lbs]
Packaged Dimensions	112"(W) X 90"(D) X 141"(H) [264 x 214 x 193cm]
Package Weight	1510kg [1984lb]

#### General

Controls	Emergency push button mouse and keyboard
Visual Display	Green LED - device on Red LED - X-Ray in-use / calibrating Amber LED - alarm
Communication	Ethernet (Network management)

CAD Dimensions

