



#### Technical Specifications

Tunnel Size	658 (W) x 500 (H) [mm] • 25.9" (W) x 19.7" (H)
Conveyor Speed	0.2m.s [65ft/s]
Conveyor Maximum Load	200kg [440lb]
Pass Rate	720 pcs/h
Metal Wire Resolution	Typical 38AWG Guarantee 36AWG
Penetration (Steel Plate)	Typical 30mm Guarantee 27mm
Dose per Inspection	Typical 2.0μGy/h Guarantee 2.5μGy/h
X-ray Leakage @ 5cm [2"]	Less than 1.0μGy/h
Film Safety	ASA/ISO1600 Film
Food Medicine and Film	Xray exposure has no adverse effects
Operation System	Linux

#### 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	0.5k VA

#### X-Ray Generator

Sensor Array	Dual energy
X-Ray Generators	One
Tube Current(adjustable)	0.4A-1.2mA
High/Low Energy	Display Key
Anode Voltage	140 kV cp
Beam Direction	Bottom 80°
Cooling/Duty Cycle	Oil cooling/100%

#### Enviroinmental

Operating Temperature	32°F to 114°F [0°C to 45°C]
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	2808mm[86.41"] - including IN/OUT conveyor belts /2195mm[86.41"] - excluding IN/OUT conveyor belts
Width	900mm [35.43"]
Height(without the console)	1363mm [53.64"] - conveyor belt height 700mm [27.57"]
Weight	450kg [992lbs]
Packaged Dimensions	[180cm(W) x 87cm(D) x 137cm(H)]
Package Weight	700kg [1543lb]

#### 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

