



#### Technical Specifications

Tunnel Size	1010 (W) x 1003 (H) [mm] • 39.76" (W) x 39.49" (H)
Conveyor Speed	0.2m.s [65ft/s]
Conveyor Maximum Load	200kg [440lb]
Pass Rate	720 pcs/h
Metal Wire Resolution	Typical 34AWG Guarantee 32AWG
Penetration (Steel Plate)	Typical 30mm Guarantee 27mm
Dose per Inspection	Typical 1.0μGy/h Guarantee 1.5μGy/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	1k 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	Downward 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	4848mm [190.87"] - including IN/OUT conveyor belts / 3636mm [143.1"] - excluding IN/OUT conveyor belts
Width	1295mm [51"]
Height (without the console)	1917mm [75.45"] - conveyor belt height 334.5mm [13.17"]
Weight	850kg [1874]
Packaged Dimensions	112"(W) X 90"(D) X 141"(H) 285 x 142 x 212cm]
Package Weight	1140kg [2535lb]

#### 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

