



Technical Specifications

Tunnel Size	1000 (W) x 1015 (H) [mm] • 39.37" (W) x 39.76" (H)
Conveyor Speed	0.22m/s [0.72ft/s]
Conveyor Maximum Load	200kg [440lb]
Pass Rate	1600 pcs/h
Metal Wire Resolution	Typical 38AWG Guarantee 36AWG
Penetration (Steel Plate)	Typical 38mm Guarantee 34mm
Dose per Inspection	Typical 3.5µGy/h Guarantee 4.2µGy/h
X-ray Leakage @ 5cm [2"]	Less than 1.5µGy/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	100,000
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	1.5K VA

X-Ray Generator

Sensor Array	Dual energy
X-Ray Generators	Two
Tube Current(adjustable)	0.4A-1.2mA
High/Low Energy	Display Key
Anode Voltage	140-160 kV cp(adjustable)
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	5134mm [202.13"] - including IN/OUT conveyor belts / 3909mm [154"] - excluding IN/OUT conveyor belts
Width	1780mm [70"]
Height(without the console)	1886mm [74.2"] - conveyor belt height 309mm [12"]
Weight	1350kg [2866lbs]
Packaged Dimensions	112"(W) X 90"(D) X 141"(H) 294 x 218 x 215cm]
Package Weight	1650kg [3307lb]

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

