



Technical Specifications

Tunnel Size	503 (W) x 301 (H) [mm] • 19.8" (W) x 11.85" (H)
Conveyor Speed	0.2m.s [65ft/s]
Conveyor Maximum Load	60kg [132lb]
Pass Rate	654 pcs/h
Metal Wire Resolution	Typical 38AWG Guarantee 36AWG
Penetration (Steel Plate)	Typical 6mm Guarantee 4mm
Dose per Inspection	Typical 3 μ Gy/h Guarantee 3.5 μ Gy/h
X-ray Leakage @ 5cm [2"]	Less than 2.0 μ Gy/h
Film Safety	ASA/ISO1600 Film
Food Medicine and Film	Xray exposure has no adverse effects
Operation System	Linux

Image Processing

Image Display	17" LCD(19", 22", 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	Single energy
X-Ray Generators	One
Tube Current(adjustable)	0.4A-1.2mA
High/Low Energy	Display Key
Anode Voltage	80 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	2178mm[85.74"] - including IN/OUT conveyor belts / 1600mm[65.35"] - excluding IN/OUT conveyor belts
Width	746mm [29.37"]
Height(without the console)	1165mm [45.87"] - conveyor belt height 668.5mm [26.3"]
Weight	250kg [551lbs]
Packaged Dimensions	[180cm(W) x 87cm(D) x 137cm(H)]
Package Weight	350kg [882lb]

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

