



Technical Specifications

| | |
|---------------------------|--|
| Tunnel Size | 808 (W) x 650 (H) [mm] • 31.5" (W) x 25.5" (H) |
| Conveyor Speed | 0.2m.s [65ft/s] |
| Conveyor Maximum Load | 150kg [330lb] |
| Pass Rate | 720 pcs/h |
| Metal Wire Resolution | Typical 40AWG Guarantee 38AWG |
| Penetration (Steel Plate) | Typical 38mm Guarantee 34mm |
| Dose per Inspection | Typical 2.5μGy/h Guarantee 3.0μGy/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 | 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 | 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 | 160 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 | 2848mm[112"] - including IN/OUT conveyor belts /1500mm[59"] - excluding IN/OUT conveyor belts |
| Width | 1095mm [43"] |
| Height(without the console) | 60.5" [1536mm] |
| Weight | 750kg [1653lbs] |
| Packaged Dimensions | 112"(W) x 90"(D) x 141"(H)[212.5(W) x 122cm(D) x 178cm(H)] |
| Package Weight | 910kg [1763lb] |

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

