



Technical Specifications

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|---------------------------|---|
| Tunnel Size | 1005 (W) x 808 (H) [mm] • 39.57" (W) x 31.81" (H) |
| Conveyor Speed | 0.22m/s [0.72ft/s] |
| Conveyor Maximum Load | 200kg [440lb] |
| Pass Rate | 1450 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

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|-------------------------|---|
| 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

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|------------------------|----------|
| Operating Voltage | 110/220V |
| Max. Power Consumption | 1.5K VA |

X-Ray Generator

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|--------------------------|---------------------------|
| 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 | 4423mm [174.14"] - including IN/OUT conveyor belts / 3200mm [126"] - excluding IN/OUT conveyor belts |
| Width | 1737.5mm [68.4"] |
| Height(without the console) | 1648mm [65"] - conveyor belt height 300mm [11.85"] |
| Weight | 950kg [2076lbs] |
| Packaged Dimensions | 112"(W) X 90"(D) X 141"(H) [264 x 214 x 193cm] |
| Package Weight | 1510kg [1984lb] |

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

