

X-ray Generator:

- Anode voltage: 160 kVp
- Tube current: 1.0 mA

Image Processing Standard Features

- Real Time 3D image
- High definition Images
- Inverse video
- Explosive, narcotic & Threat Detection
- Variable gamma correction
- Edge enhancing
- Edge smoothing
- High density alerts
- Zeff based image
- Low Z, medium Z and high Z separation
- Organic / inorganic stripping
- Zoom and Pan
- Automatic image data archiving 500 GB
- Multiple archive management options with T.I.P



Mechanical Dimensions and General Specifications

- Tunnel opening: 600 mm x 400 mm or 650 mm x 550 mm
- 3D Engine : Auto Stereoscopic HD
- Overall width: 990 mm
- Overall length: 2100 mm
- Overall height: 1400 mm
- Conveyor height: 850 mm Variable +/- 50 mm
- Conveyor speed: 44 ft/min. (0.22 m/s)
- Maximum load: 240 kg
- System power: 105-125 V AC +/-10%, 60 Hz, 10 amps max. or 210-250 V AC +/-10%, 50 Hz, 5 amps max.

Imaging Specifications

- Wire resolution: 38 AWG wire
- Steel penetration depth: 30 mm
- X-ray sensor array: 1400 total detectors

Health and Safety

- Maximum x-ray leakage of less than 0.1 mR/h measured 5 cm from any external surface.
- Complies with applicable international health and safety regulations including:
 - USA FDA 21 CFR 1020.40
 - Health Canada Radiation Emitting Devices Act
 - All relevant CE directives, standards and regulations.

Film Safety

- Absorbed dose of less than 1 mR per screening.
- Film safety guaranteed up to ISO 1600 (33 DIN).

