

X-ray Generator:

- Anode voltage: 140 kVp
- Tube current: 550 μ A

Image Processing Standard Features

- Perspective 3D image
- Black and white density based image
- Inverse video
- Pseudo coloring / sine coloring
- Variable gamma correction
- Edge enhancing fusion
- Edge preserving smoothing
- High density alerts
- Zeff based image
- Low Z, medium Z and high Z separation
- Organic / inorganic stripping
- Zoom and Pan
- Automatic scan data archiving
- Multiple archive management options



Mechanical Dimensions and General Specifications

- Tunnel opening: 26.7 inches wide by 17.6 inches high (674 mm x 446 mm)
- Tunnel length: 48.0 inches (1219 mm)
- Overall width: 43.2 inches (1097 mm)
- Overall length: 51.0 inches (1295 mm)
- Overall height: 56.4 inches (1433 mm)
- Conveyor height: 31.5 inches (800 mm)
- Conveyor speed: 44 ft/min. (0.22 m/s)
- Maximum load: 309 lbs (140 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: 36 AWG wire
- Steel penetration depth: 28 mm
- X-ray sensor array: 1280 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).

