

FC Radroom

GXR-32S Digital Radiography System



Medlink Imaging FC Radroom Digital Radiography System

This state-of-the-art, diagnostic digital radiography system is designed for today's high-volume imaging department. **Medlink's FC Radroom** creates an efficient work flow allowing for an increase in patient throughput, without sacrificing quality or performance. This system features the award winning VIVIX DR flat panel detector (by Vieworks). This Radroom can easily handle routine X-rays, as well as more demanding imaging exams.

- High frequency X-ray generator with constant potential power output for consistent high quality images.
- The VIVIX DR Panel with the award-winning VXvue acquisition software. This solution utilizes the most advanced imaging processing for the highest quality images.
- Large tabletop with extended travel enabling radiography studies with minimal patient movement.

For more information visit www.medlinkimaging.com/FCRadroom

FC Radroom

GXR-32S Diagnostic Digital Radiography System

MEDLINK
IMAGING

a VIEWWORKS company

SPECIFICATIONS

Generator

Generator Model: GXR-32

Output Rating: 32kW
Line Frequency: 60Hz
kV Range: 40-125kV, 1 kV step
mA Range: 10 to 400mA
1Ø 230VAC±10% input
mAs Range: 0.1 to 500mAs
Timer Range: 0.001 to 10 sec, 38 steps
Max Power Output: 400mA@50kV
320mA@100kV
250mA@125kV

4-Way Float Top Table

Model: PBT-4

Tabletop Movement: Longitudinal: 1,000(±500)mm
Transverse(Lateral): 250(±125)mm
Detector Movement: Longitudinal: 350mm
Tabletop Max Patient Weight: 300kg (660lbs)
Tabletop Size: 2,200(W) x 750(D) x 70(H)mm
Bucky Type: Moving Grid: FD 34-44inch
103 lpi ratio10:1
Lock(Brake): EM Lock, Beam sensor on/off
Center indication: Buzzer sound at transverse center
Electrical Rating: 100-240VAC, 200VA, 50/60Hz
Dimension: 2,200(W) x 750(D) x 660 or 720(H)mm

X-ray Tube and Collimator

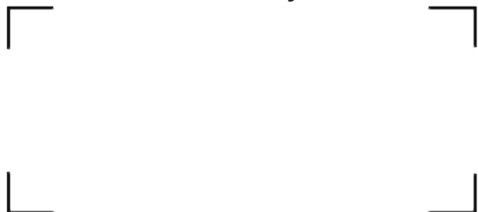
Tube Model: DXT-8M

Focal Spot Size: 1.0/2.0mm
Rating(0.1s): 22.5/47kW
Max Anode HU: 140kHU
Max kV: 125kV
Collimator Control: Manual
Max Field Size: More than 43x43cm(17x17inch)
Max Collimator kVp Shield: 150kV
Electrical Rating: 24VAC, 63A, 50/60Hz
LED Lamp, Manual Tape Measurer and Line Laser, DAP rail
Cable: 8 meters HV cable, Pair

Warranty

System - 5 Year Manufacturer Warranty
DR Panel - 5 Year Manufacturer Warranty

Distributed By:



Floor-Ceiling Mounted Tube Stand

Model: TS-FC6

Tube Rotation Angle: ±180°([Display: ±135°)
Tube Stroke: Longitudinal: Max 2,500mm
Transverse(Lateral): 220mm (Center detent)
Vertical: 1,330mm
(430-1,760mm from floor to focus)
Lock(Brake): EM Lock, Switch on/off
Column Rotation: 90° step
Electrical Rating: 24VDC,3A
Dimension: 2,060(H)x 1,140(D) mm

Vertical Wall Bucky Stand

Model: WBS

Detector Movement: Vertical 1,390mm
420-1,810mm (from floor to Bucky center)
Bucky Type: Moving Grid: 103 lpi, ratio 8:1, 130cm grid
Lock(Brake): EM Lock. Switch on/off
Electrical Rating: 24VDC, 1A
Dimension: Max 1,920(H)x 740(W) x 410(D) mm

DR Flat Panel Detector

Model: VIVIX FXRD-1417

Scintillator: CsI
Pixel Pitch: 140µm
Pixels: 2560 x 3072 pixels
Image Size (HxV): 35.8 cm x 43 cm (14 x 17 in)
Greyscale: 14 bits
Image Acquisition Time: Wired: 2s
Wireless (preview): 2s
Wireless (high res): 4.5s
Weight: 3.3 kg (inc battery)
Battery: Lithium Ion 4000 mAh (4h capturing)

Workstation: Dell Workstation
24" Touchscreen Monitor

Image Acquisition Software: VXvue with PureImpact™
DICOM 3.0 Compliant
Advanced Image Tools
Annotation Tools

Options

- Column rotation control from foot switch to control panel at tube head
- P-Type Handgrip at WBS
- Chest Handgrip, pair, at WBS

