

# 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](http://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

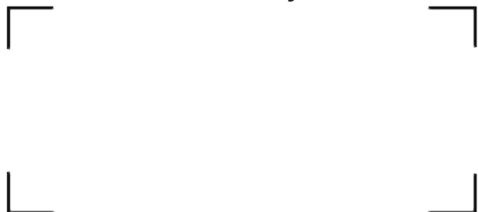
**Tube Model: DXT-8M**

Focal Spot Size: 1.0/2.0mm  
Rating(0.1s): 22.5/47kW  
Max Anode HU: 140kHU  
Collimator Control: Manual  
Max Field Size: More than 43x43cm(17x17inch)  
Max kV: 150kV  
Electrical Rating: 24VAC, 6.3A, 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

