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FC Rad Room

GXR-32S Digital Radiography System



Medlink Imaging FC Rad Room

Digital Radiography System

This state-of-the-art, diagnostic digital radiography system is designed for today's high-volume imaging department. **Medlink's FC Rad Room** creates an efficient workflow allowing for an increase in patient throughput, without sacrificing quality or performance. This system features the award winning VIVIX-S VW Series DR 1417VW Wireless CsI flat panel detector. This Rad Room 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.
- VIVIX -S VW Series DR Panel and VXvue with PureImpact DR Acquisition Viewer 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.

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GXR-32S Diagnostic Digital Radiography System

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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-S VW Series 1417VW [FXRD-3643VAW]
Scintillator: CsI
Pixel Pitch: 140*um*
Pixel Matrix: 2560 x 3072 pixels
Image Size (HxW): 14" x 17" (35.8cm x 43cm)
Grayscale: 16 bits
Image Acquisition Time: 3 sec.

DESIGN AWARD 2020

Weight: 3.15 kg (inc batteries)
Battery: Lithium Ion 3400mAh x 2 (14 h)

Workstation: Dell Workstation
24" Touchscreen Monitor

Image Acquisition Software: VXvue with PureImpact™

DICOM 3.0 Compatibility
Advanced Image Processing
Easy Customization
Better Usability / Powerful Functions
Optimized for Various Applications

Options

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

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