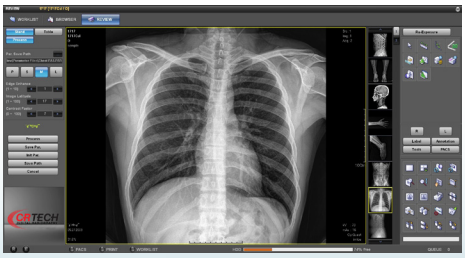
DCRAD™ 1200 DR Digital Radiography System

Finally a direct digital radiography (DR) system that is state-of-the-art and yet cost-effective for hospitals, imaging centers, private offices and orthopedic facilities!

Ideally designed for space-constrained examination rooms, *DCRAD*™ 1200 offers unsurpassed operational advantages.



Positioning Flexibility:

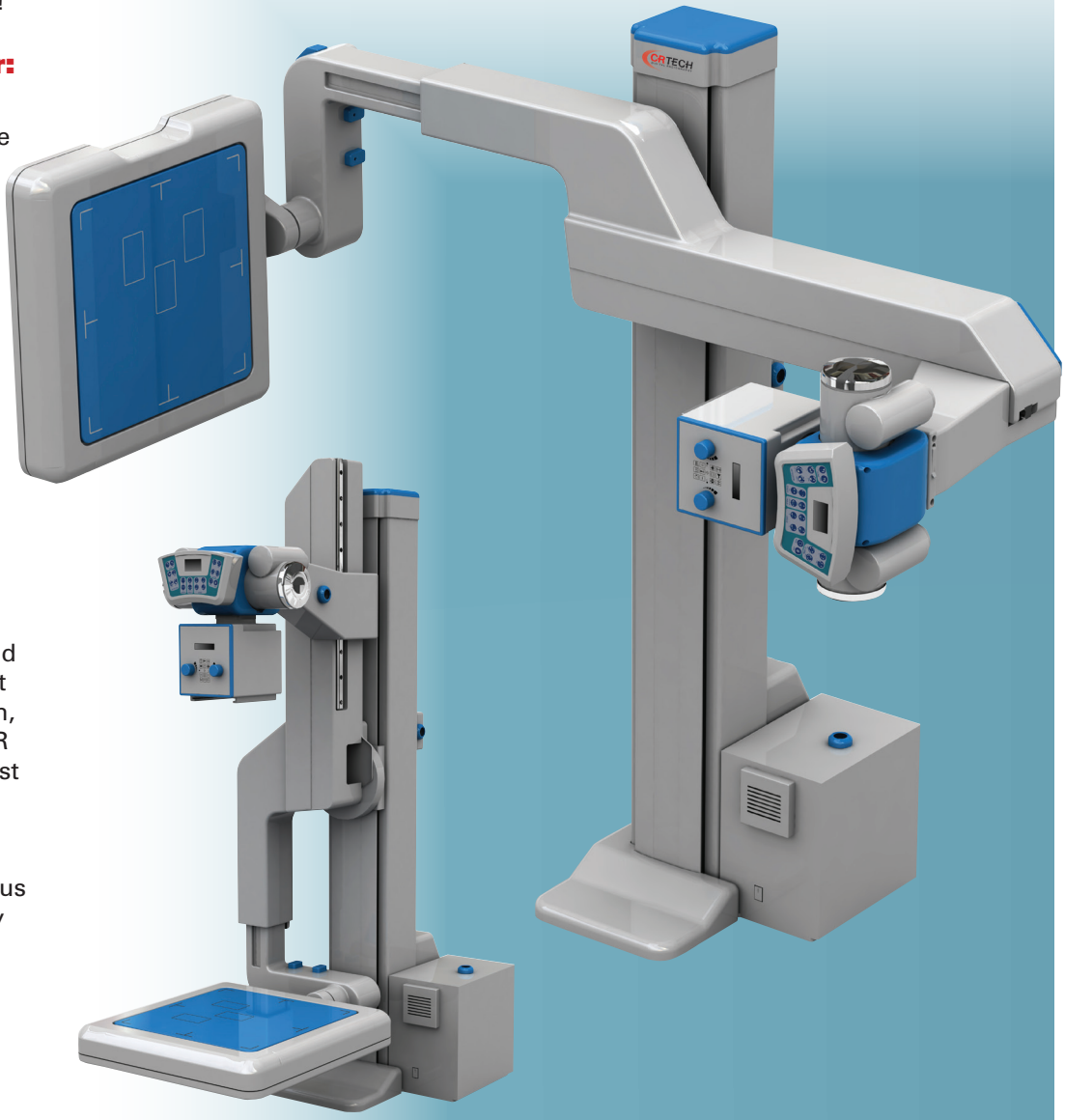
With its wide range of movements, the U-Arm tube stand guarantees optimal positioning for all types of radiographic procedures in sitting, erect and recumbent positions. From skull procedures through lower extremities and weight-bearing studies, *DCRAD*™ 1200 does it all!

High-Frequency Generator:

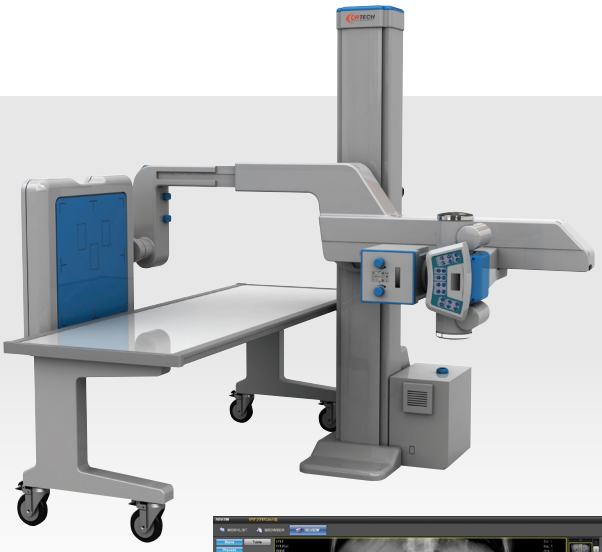
DCRAD™ 1200 uses true high frequency generators that produce high resolution images every time. With fully integrated digital radiography interface and with optional Dual Speed Starter and Automatic Exposure Control, the system offers exceptional performance and reliability.

Digital Imaging:

DCRAD™ 1200's DR technology offers unparalleled benefits of digital imaging to patients and healthcare providers alike. Powered by state-of-the-art amorphous silicon flat panel detector, it offers significant workflow advantages over film and CR technologies. With high patient throughput and elimination of film, processor and chemicals costs, DR technology offers considerable cost savings to healthcare providers. DR technology guarantees high-resolution images consistently. The image preview is instantaneous and the images can be seamlessly integrated into RIS and PACS solutions



TECHNICAL SPECIFICATIONS

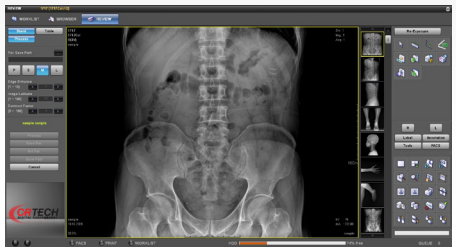


U-Arm Tube Stand:

Source-to-Image: 1000~1800mm (39.5 ~ 71 in.)
(Continuously variable)
Vertical Travel: Max. 1100 mm (43 in.)
Arm Rotation Angle: 150° (90° ± 30°)
Tube Rotation: 90°
Power Requirement: Single Phrase 100~240 V, 50/60 Hz, 1200 VA
Operation: Remote Control with Exam Specific Presets

X-Ray Generator:

Output Power (kW)	Generator Type	Output Frequency (kHz)	kV Rad	mA Range Rad
40	High Frequency	>200	40 - 125	10 - 500
50	High Frequency	>200	40 - 125	10 - 630
65	High Frequency	>200	40 - 150	10 - 800
80	High Frequency	>200	40 - 150	10 - 1000



Options:
1. Dual Speed Starter
2. Automatic Exposure Control

Digital (DR) Detector:

Sensor: Amorphous Silicon (a-Si) Flat Panel
Scintillator: Gd_2O_2 or CsI
Pixel Matrix size: 3072X3072
Pixel pitch: 143 microns
A/D Conversion: 14 bit
Grayscale: 16384
Resolution: 3.5 lp/mm
Energy Range: 40-150kVP
Detector weight: 32 lbs (14.5 kg)

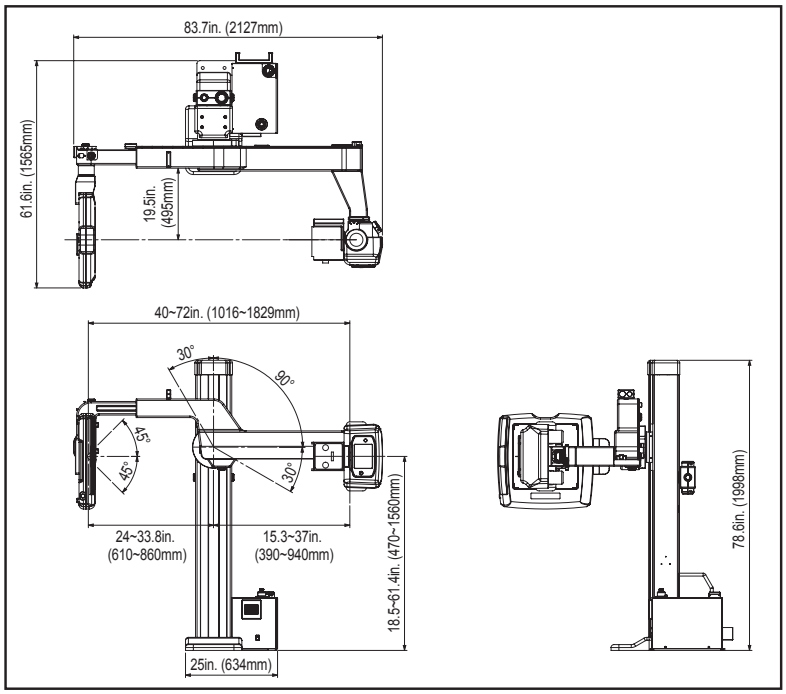
X-Ray Tube:

1. 200 KHU, 0.6/1.2 mm focal spots, 90° horn angle
2. Option: 300 KHU, 0.6/1.2 mm focal spots, 90° horn angle

Image Acquisition / Viewing Workstation:

Time to preview image: Less than 3 secs
Dell OptiPlex, Core i3-2300 3.1 GHz processor
4 GB RAM, 500 GB Hard Disk
DRView Acquisition / Post Processing software
DICOM Send, Print, Receive, Query/Retrieve
Single Patient CD Burner with mini-Viewer
20" Dell Ultrasharp 2007FP flat panel LCD monitor
DRView Diagnostic Viewing software
Measurement tools and stitching of images

(Specifications subject to change without prior notice)



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