



# GXR-SD SERIES

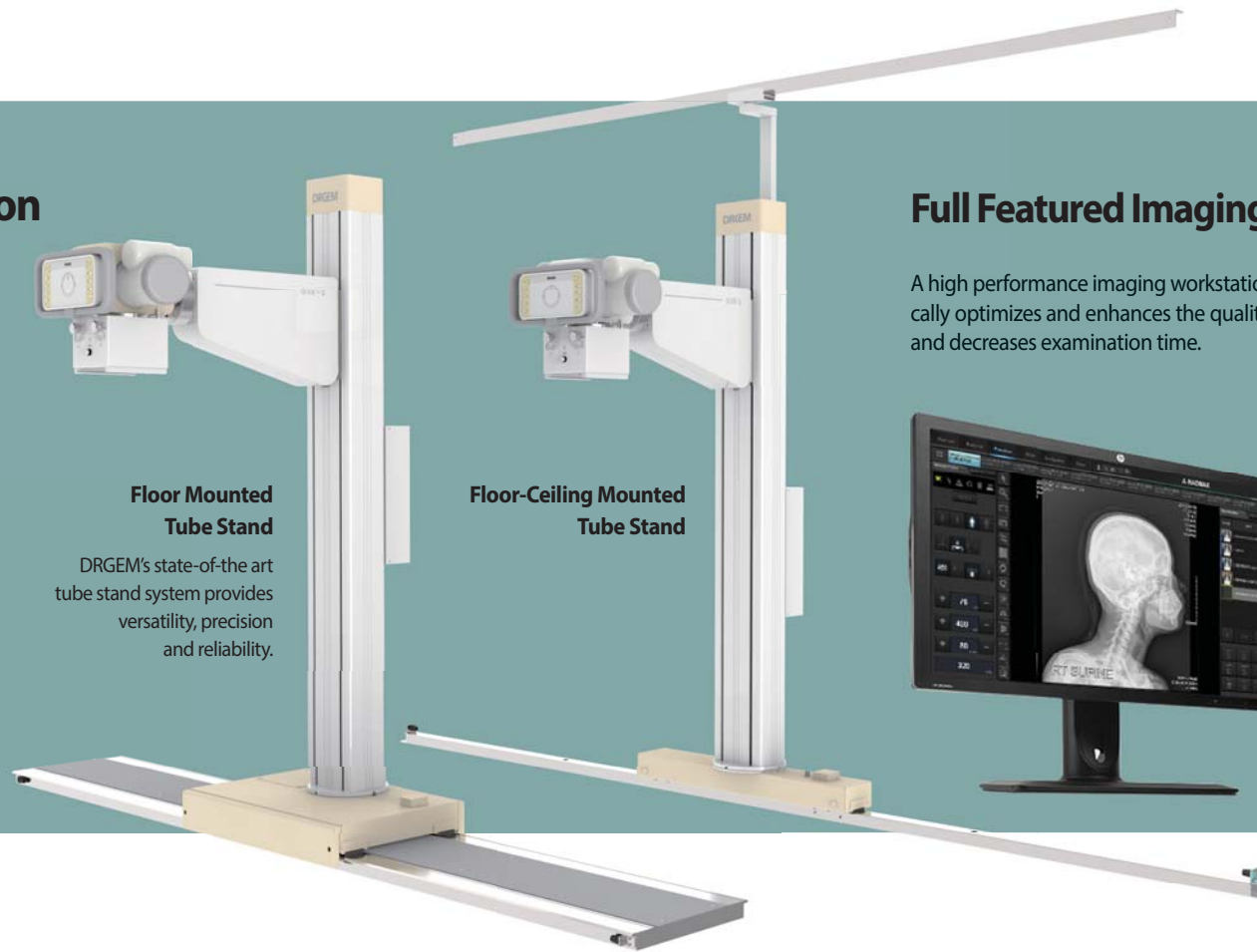
Digital Radiography System

# GXR-SD DIGITAL RADIOGRAPHY SYSTEM

## High Performance and Reliability

### The Optimal System for Digital Solution

The GXR-SD Series is a diagnostic digital radiography system providing reliable high quality digital radiographic images with reduced dose. The GXR-SD DR systems provides comprehensive digital solutions to all radiography needs, featuring ACQUIDR digital imaging system with stationary or portable digital flat-panel detectors, reliable high-frequency x-ray generator which has worldwide reputation on excellent performance, lifetime and stability. Also user-friendly designed various tube stands, patient table and wall stand are offered for user's choice. The GXR-SD Series DR system will improve your workflow, exam throughput and efficiency with excellent performance.



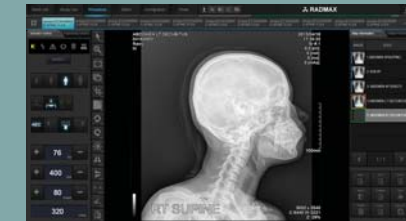
**Floor Mounted Tube Stand**

DRGEM's state-of-the-art tube stand system provides versatility, precision and reliability.

**Floor-Ceiling Mounted Tube Stand**

### Full Featured Imaging Software & Excellent Digital Image Processing

A high performance imaging workstation and software serves you a convenient interface and easy operation. Anatomical view-based digital image processing automatically optimizes and enhances the quality of the captured images. Automatic image storage and print with DICOM 3.0 networking capability increases exam throughput and decreases examination time.



- Provides convenient user interface and easy operation
- Included anatomical view-based digital image processing automatically optimizes and enhances the quality of the captured image for the imaged anatomy
- Radiographic stand & automatic collimator control function
- DICOM 3.0 networking interface includes Worklist, Print, Store, Query for integration with any PACS or RIS



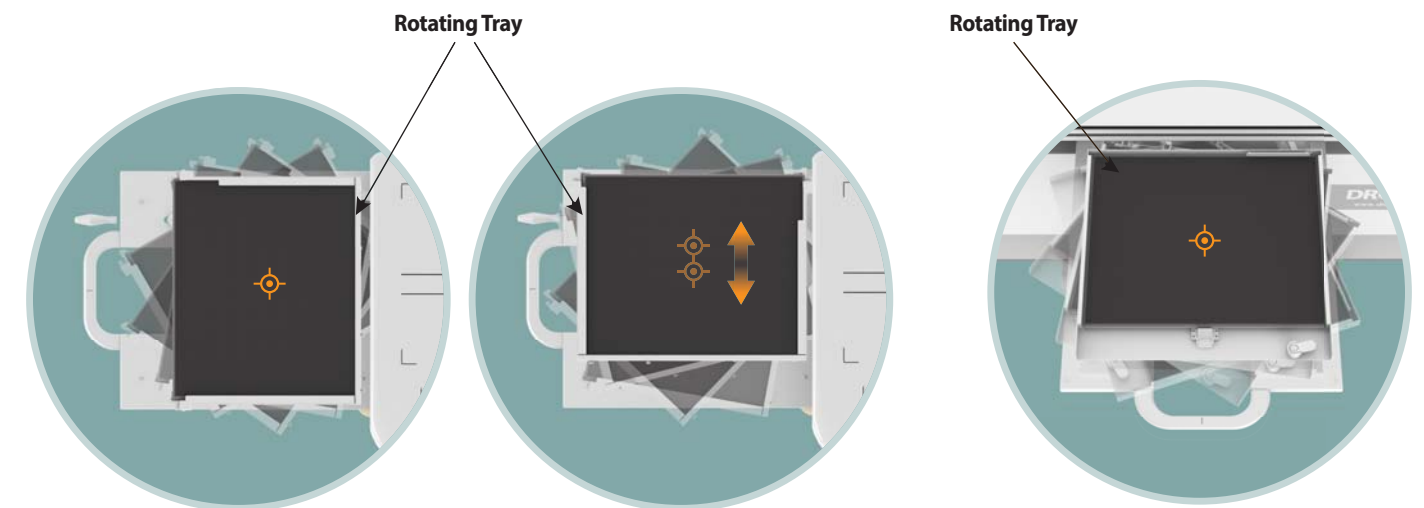
**Vertical Wall Bucky Stand**

DRGEM's state-of-the-art technology with elegant design, durable and easy to use Wall Bucky Stand provides full satisfaction.



**Four-way Tabletop Patient Table**

A large tabletop with extended travel enables full radiographic coverage with minimal patient movement.



### Digital Flat-panel Detector

Size	ISO 4090
Scintillator	CsI / GOS
Type	Wireless / Wired

# Premium Series

## Touch Screen Console

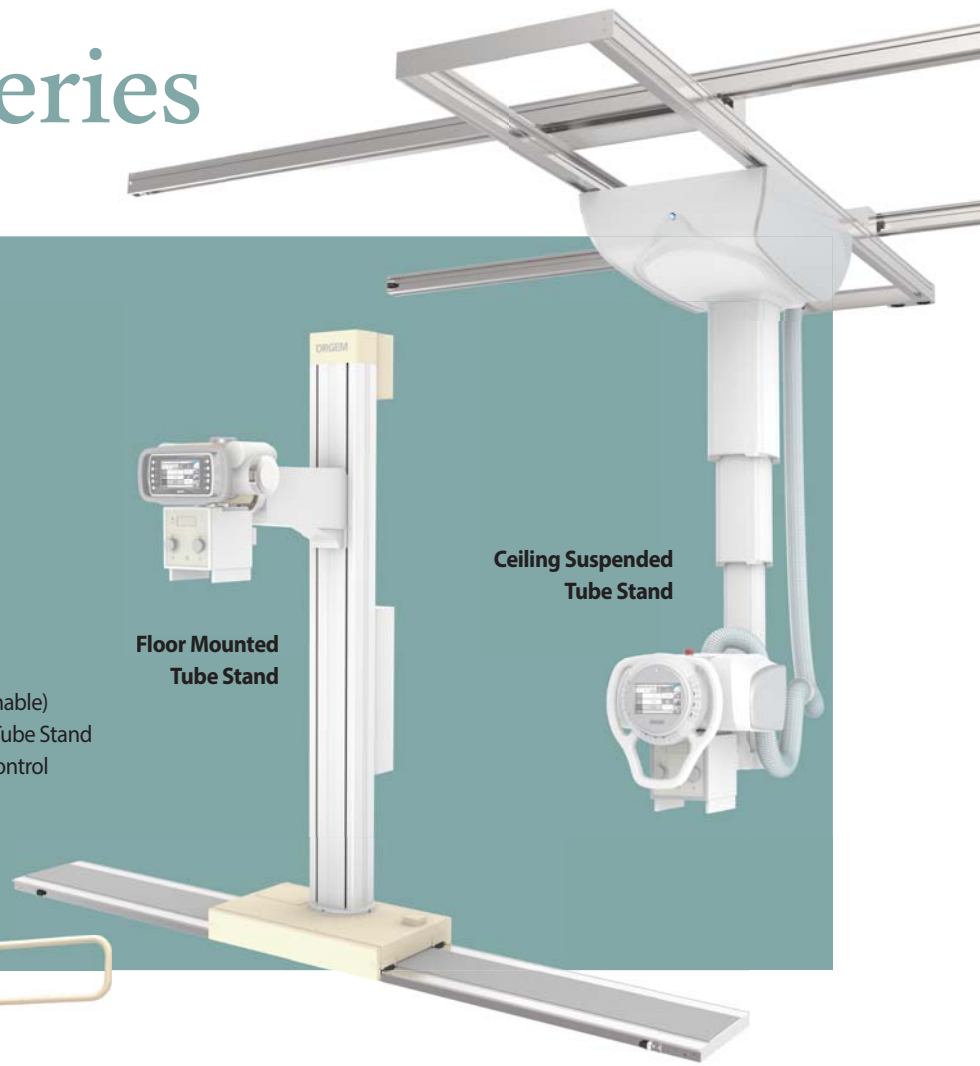


- System Control
- Colimator Control
- X-ray Control
- Viewer

## Control Panel of Automatic Tilting Wall Stand



- Auto Positioning (User Programmable)
- Control of Synchronization with Tube Stand
- Motorized Collimation & Lamp Control
- Motorized Tilting Movement
- Motorized Vertical Movement



Ceiling Suspended Tube Stand

Floor Mounted Tube Stand



Wall Bucky Stand Automatic Tilting

Remote Control



Wall Bucky Stand Manual Tilting

Foot Switch



Elevating Patient Table



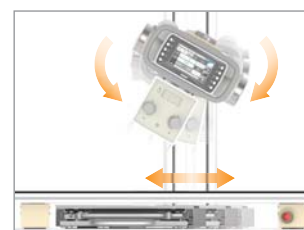
Motorized Vertical Synchronization with wall stand



Motorized Vertical Synchronization with table



Motorized Table Bucky Tracking I



Motorized Table Bucky Tracking II

## System

System Model	GXR-32SD	GXR-40SD	GXR-52SD	GXR-68SD	GXR-82SD
	GXR-C32SD	GXR-C40SD	GXR-C52SD		
	GXR-U32SD	GXR-U40SD			
Generator Model	GXR-32 GXR-C32 GXR-U32	GXR-40 GXR-C40 GXR-U40	GXR-52 GXR-C52	GXR-68	GXR-82
Line Nominal, Phase	1 Phase 220/230VAC, 1Φ, ±10% 3 Phase 400/480VAC, 3Φ, ±10% (option)		3 Phase 400/480VAC, 3Φ, ±10%	3 Phase 400/480VAC, 3Φ, ±10%	
Output Rating	32kW	40kW	52kW	68kW	82kW
Line Frequency	50*/60Hz, *: Outside North America				
kV Range	40~125kV, 1kV step		40~150kV, 1kV step		
mA Range	10 to 400mA	10 to 500mA	10 to 640mA	10 to 800mA	10 to 1,000mA
Timer Range	0.001 to 10 sec, 38 steps				
mAs Range	0.1 to 500mAs (Optional higher mAs)				
Rotor Supply	Low Speed (Optional DC Brake)		Dual Speed (Option for GXR-52)		
Max. Power Output	400mA@50kV 320mA@100kV 250mA@125kV	500mA@80kV 400mA@100kV 320mA@125kV	640mA@81kV 500mA@104kV 400mA@130kV 320mA@150kV	800mA@85kV 640mA@106kV 500mA@136kV 400mA@150kV	1,000mA@82kV 800mA@102kV 640mA@128kV 500mA@150kV
Reproducibility	Coefficient of Variation : kV < 0.005, Time < 0.005, mAs < 0.01				
Accuracy	kV < ±(1%+1kV), mA < ±(3%+1mA), Time < ±(1%+0.5ms), mAs < ±(3%+0.1mAs)				
Linearity	Coefficient of Linearity < 0.01 : CL = (X1-X2)/(X1+X2), where X is mR/mAs				

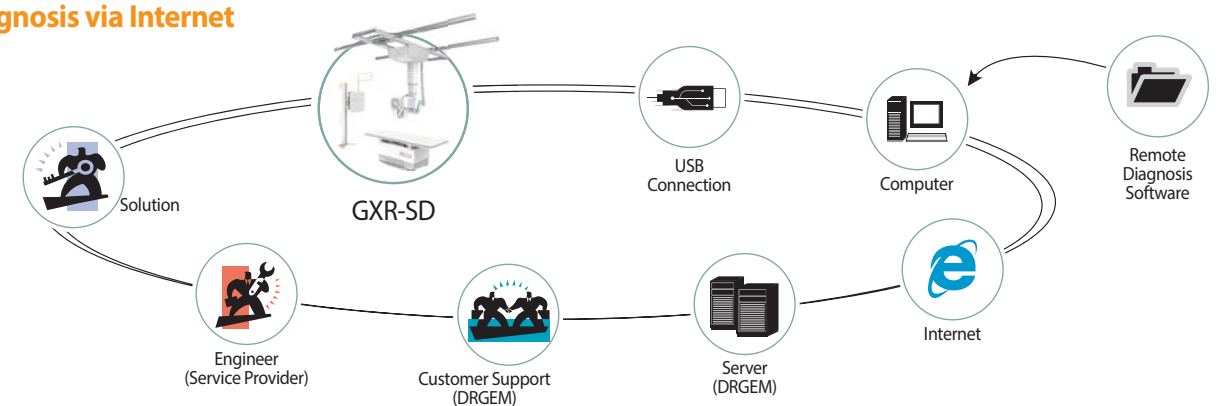
## Options

- AEC with ion-chamber
- DAP (Dose Area Product)
- Vertical tube synchronization
- Full-Spine Imaging
- Table Bucky auto tracking with tube stand (FC or FM)
- Removable High Resolution grid
- WBS-TM (Manual Tilting)
- Line laser
- Handgrips (Tabletop, WBS - Chest, Overhead)
- Tube stand (FC or FM) column rotation by electrical release
- Lateral detector holder
- 23 inch Touch Screen Console



Touch Screen X-ray Control Console

## Remote Diagnosis via Internet





© DRGEM Corporation - All rights reserved.

Reproduction in whole or in part is prohibited without the written consent of the copyright-holder.

Specifications and features are subject to change without notice.

All changes will be in compliance with regulations governing manufacture of medical equipment.

**ADDRESS**

7F, E-B/D Gwangmyeong Techno-Park, 60 Haan-ro, Gwangmyeong-si, Gyeonggi-do, Korea [423-795]