

GXR-SD Series

Digital Radiography System



GXR-SD Digital Radiography System

High Performance and Reliability

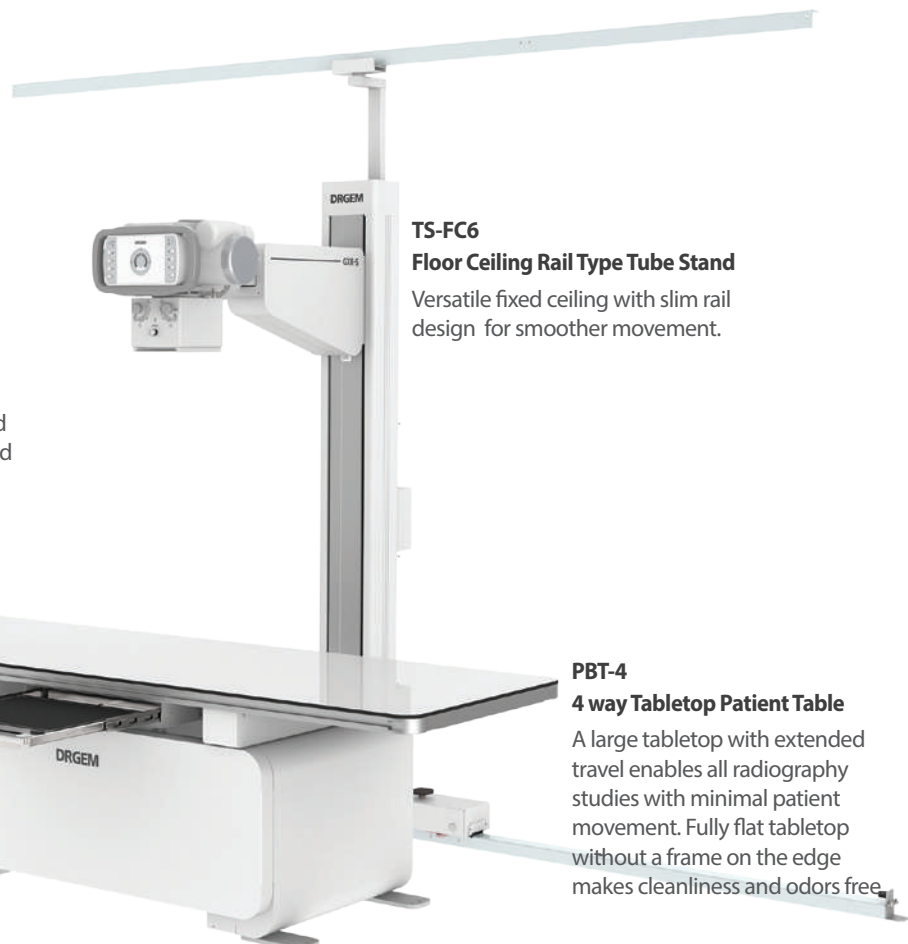
Optimal DR System

The GXR-SD Series is a diagnostic digital radiography system that provides reliable high quality digital radiographic images with a reduced dose. The GXR-SD DR systems offer comprehensive digital solutions to all radiography needs, featuring ACQUIDR digital imaging system with stationary or portable digital flat-panel detectors as well as reliable high-frequency x-ray generators that are known worldwide for their excellent performance, lifetime and stability. Various tubes with user-friendly designs, patient tables and wall stands are also offered at the user's request. The GXR-SD Series DR system is guaranteed to improve your workflow, exam throughput and efficiency with its excellent performance.



TS-FM6
Floor Mount Tube Stand

Floor Rail type tube stand provides all radiography studies with very smooth movement on the rail.



TS-FC6
Floor Ceiling Rail Type Tube Stand

Versatile fixed ceiling with slim rail design for smoother movement.



WBS
Wall Bucky Stand

Elegant design, durable and easy to use Wall Bucky Stand provides full satisfaction.

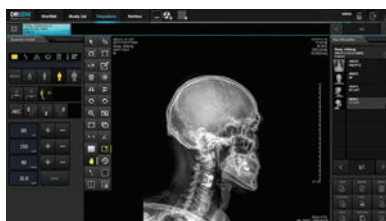


PBT-4
4 way Tabletop Patient Table

A large tabletop with extended travel enables all radiography studies with minimal patient movement. Fully flat tabletop without a frame on the edge makes cleanliness and odors free.

Full Featured Imaging Software & Excellent Digital Image Processing

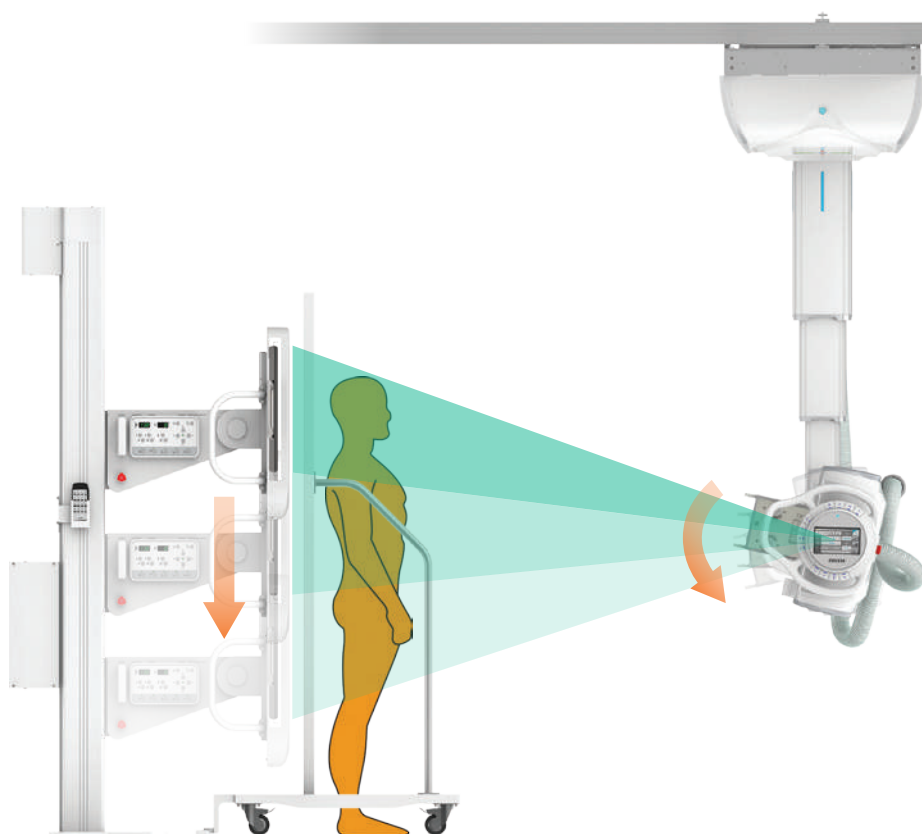
DRGEM's high-performing imaging workstation and software system offers a convenient interface and easy operation for its users. Anatomical view-based digital image processing automatically optimizes and enhances the quality of the captured images, while the automatic image storage and printing with DICOM 3.0 networking capability increases exam throughput and decreases examination time.



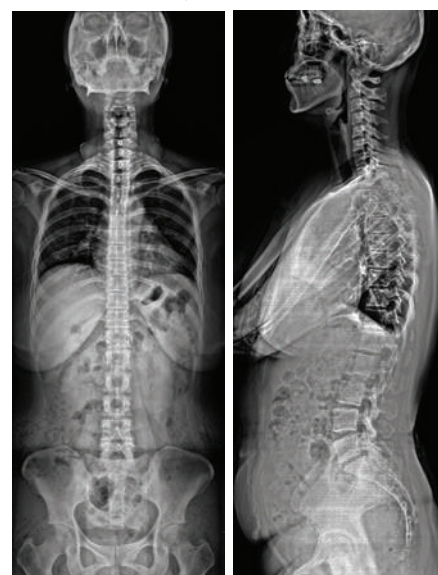
- Provides convenient user interface and easy operation
- Anatomical view-based digital image processing automatically optimizes and enhances the quality of the captured image for the pictured anatomy.
- Radiographic stand & automatic collimator control function
- DICOM 3.0 networking interface includes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

Automatic Stitching

GXR-SD system provides outstanding automatic stitching function with Source tilting method

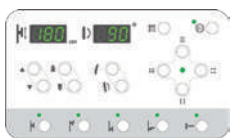


Full spine images by Automatic Stiting



Premium Ceiling Type

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



WBS-TA
Wall Bucky Stand
Automatic Tilting

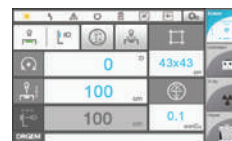
WBS-TM
Wall Bucky Stand
Manual Tilting

Remote Control

Foot Switch

TS-CSA
Ceiling Suspended
Tube Stand

Touch Screen Console



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

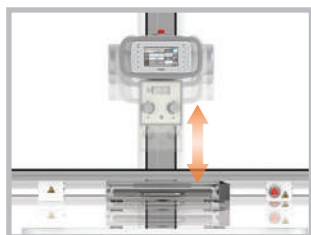


PBT-6
Elevating
Patient Table

Optional Functions of Synchronization



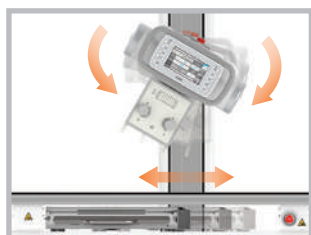
Motorized Vertical Synchronization with wall stand
WBS/WBS-TM/WBS-TA and TS-FM6/TS-CSA



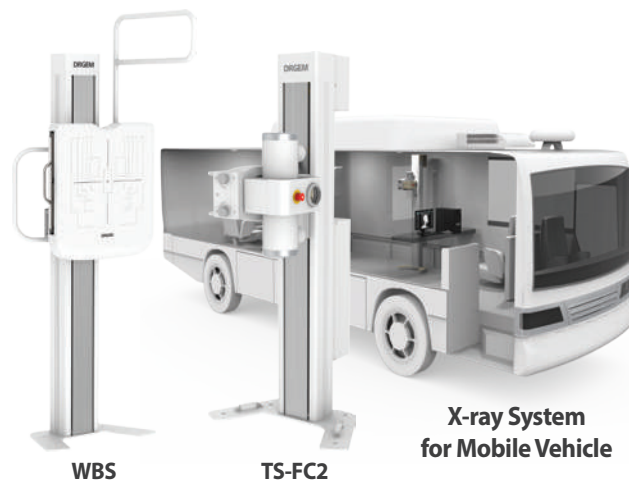
Motorized Vertical Synchronization with table
PBT-6 and TS-FM6/TS-CSA



Motorized Table Bucky Tracking I
PBT-4/6 and TS-FM6/TS-CSA



Motorized Table Bucky Tracking II
PBT-6 and TS-FM6/TS-CSA



WBS

TS-FC2

X-ray System for Mobile Vehicle

System

| Model Name | GXR-32SD | GXR-40SD | GXR-52SD | GXR-68SD | GXR-82SD | GXR-C32SD | GXR-C40SD | GXR-C52SD | GXR-U32SD | GXR-U40SD |
|----------------------|--|--|--|------------------------------|-------------|---|-----------|-----------|---|-----------|
| Output Rating | 32kW | 40kW | 52kW | 68kW | 82kW | 32kW | 40kW | 52kW | 32kW | 40kW |
| Generator Model Name | GXR-32 | GXR-40 | GXR-52 | GXR-68 | GXR-82 | GXR-C32 | GXR-C40 | GXR-C52 | GXR-U32 | GXR-U40 |
| Input Power | 230VAC±10%, 1Ø or 400/480VAC±10%, 3Ø | | 400/480VAC±10%, 3Ø | | | 99 ~ 132VAC or 198 ~ 253VAC, 1Ø 3kVA | | | Free Voltage Input, (100—240VAC, 1Ø) 1kVA | |
| Line Frequency | 50/60Hz | | | | | | | | | |
| Tube Voltage | 40 to 125kV, 1kV Step (option: 150kV) | | 40 to 150kV, 1kV Step | | | 40 to 125kV, 1kV Step (option: 150kV) | | | | |
| Tube Current | 10to400mA | 10to500mA | 10to640mA | 10to800mA | 10to1,000mA | 10to400mA | 10to500mA | 10to640mA | 10to400mA | 10to500mA |
| Time Range | 1mS to 10S | | | | | | | | | |
| mAs Range | 0.1 to 500mAs | | | | | | | | | |
| Rotor Supply | Low Speed (option: DC Brake) | | LowSpeed (option: DC Brake, DualSpeed) | Dual Speed (High and Low) | | Low Speed (option: DC Brake, Dual Speed) | | | | |
| 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 | | | | | | | | | |
| Mechanical Part | Table | PDT-1, PBT-1, PBT-4, PBT-6 | | | | | | | | |
| | WBS | WBS, WBS-TM, WBS-TA | | | | | | | | |
| | Tube Stand | TS-FC2, TS-FC4, TS-FC6, TS-FM6, TS-CSA, TS-CSA-M, TS-CSA-A | | | | | | | | |
| | Tube | Focal Size: 1.0/2.0mm, 0.6/1.5mm, 0.6/1.2mm, Anode Heat Unit: 140, 150, 200, 300, 400, 600kHU | | | | | | | | |
| Flat Panel Detector | Scintillator: DRZ or CsI Size: 17x17 or 17x14inch For 1D System: Wireless type For 2D System: 2 fixed detector, 1 fixed detector at WBS, 1 wireless detector at table | | | | | | | | | |

Options

- AEC
- DAP(Dose Area Product) Meter
- Vertical tube synchronization
- Table Bucky auto tracking
- Lateral cassette holder
- WBS external cassette holder
- Line Laser
- Handgrips (Tabletop, WBS - Chest, Overhead)
- Electromagnetic switch for Tube Stand Rotation (FC or FM)

DRGEM Customer Service Center

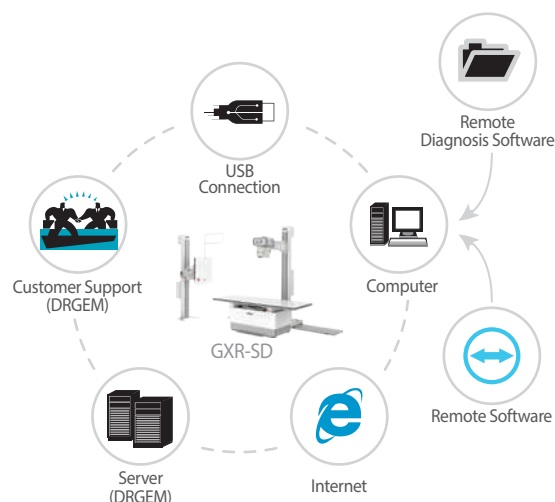
• 24/7 Support

DRGEM's Customer Service team is available 24/7, 365 days a year* via e-mail or Skype to support clients whenever they need.

• Remote Diagnosis

Remote diagnosis can help minimize downtime by quickly finding the cause of errors and by detecting potential issues before problems occur.

*May vary by country.



DRGEM

DRGEM Corporation

©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

Head Office/R&D 7F,E-B/D Gwangmyeong Techno-Park, 60 Haan-ro, Gwangmyeong-si, Gyeonggi-do, Korea [14322]

Gumi Factory 116-59, Sanho-daero, Gumi-si, Gyeongsangbuk-do, Korea [39377]