



GXR-SD Series

Digital Radiography System





High Performance and Reliability

Optimal DR System

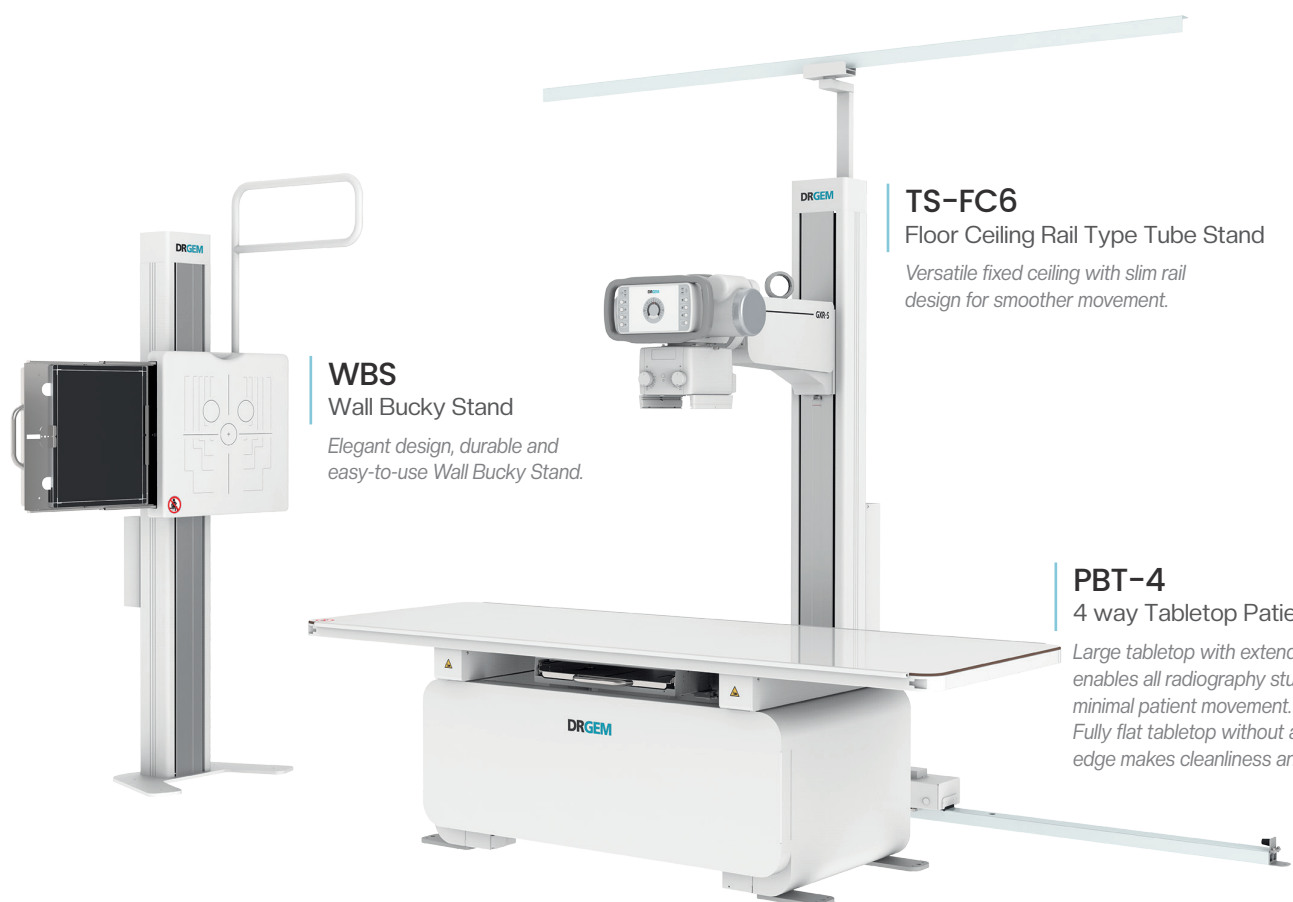
The GXR-SD Series is a digital diagnostic radiography system that provides high quality digital radiographic images with a reduced dose. The GXR-SD DR systems offer comprehensive digital solutions to all radiography needs, featuring ACQUIDR digital imaging system with stationary or portable digital flat-panel detectors as well as reliable high-frequency X-ray generators that are known worldwide for their excellent performance, durability, and stability. Various tube stands, patient tables, and wall stands are available upon 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 Type Tube Stand

Floor Rail type tube stand provides smooth movement on the rail.



WBS

Wall Bucky Stand

Elegant design, durable and easy-to-use Wall Bucky Stand.

TS-FC6

Floor Ceiling Rail Type Tube Stand

Versatile fixed ceiling with slim rail design for smoother movement.

PBT-4

4 way Tabletop Patient Table

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

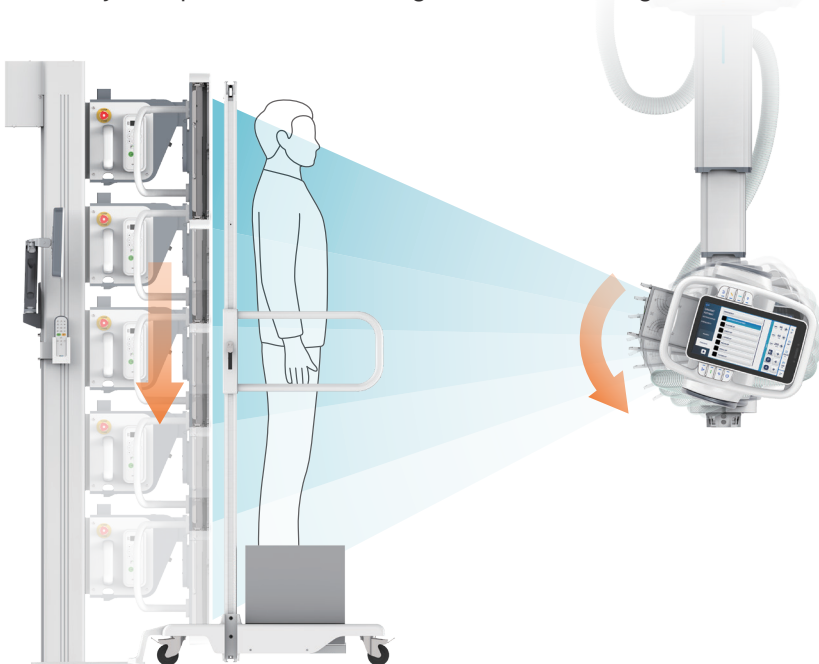
DRGEM's high-performing imaging workstation and software system offers a convenient interface and easy operation for users. Anatomical view-based digital image processing automatically optimizes and enhances the quality of the captured images, while the automatic image storage and printing with DICOM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

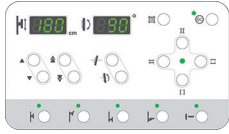


Full spine images using Automatic Stitching

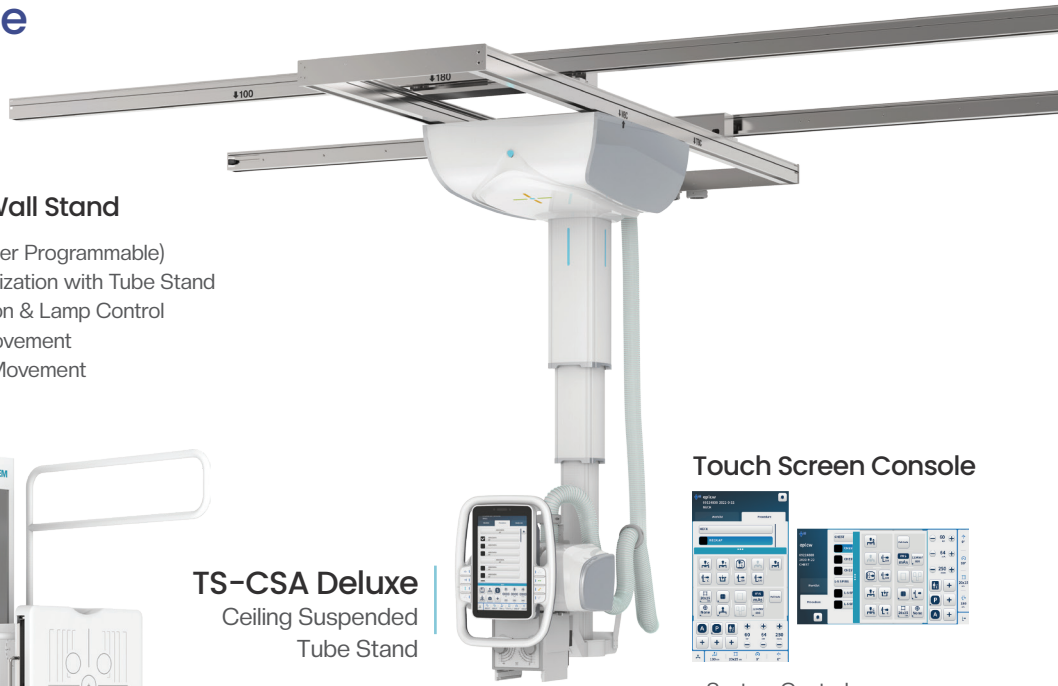


Premium Ceiling Type

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



TS-CSA Deluxe
Ceiling Suspended
Tube Stand

Touch Screen Console



- System Control
- Collimator Control
- X-ray Control
- Viewer



WBS-TA
Wall Bucky Stand
Automatic Tilting



WBS-TM
Wall Bucky Stand
Manual Tilting



PBT-6
6 way Elevating
Patient Table

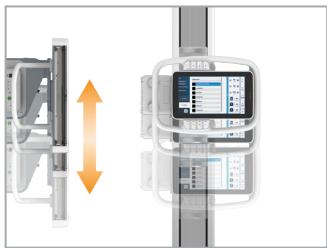
Remote Control



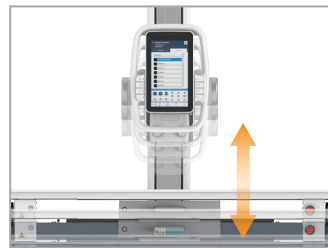
Foot Switch



Optional Functions of Synchronization



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



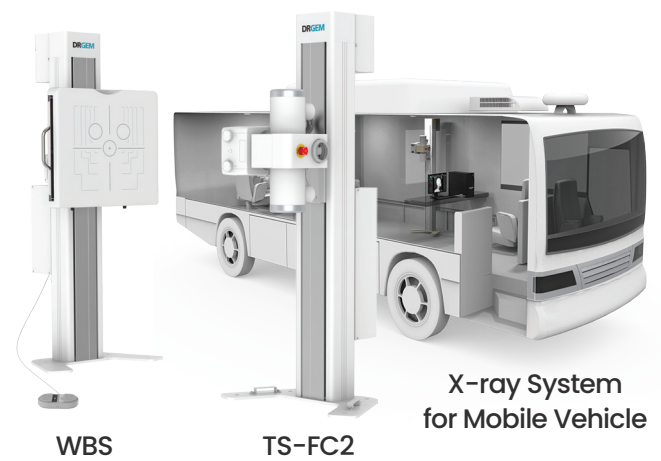
Motorized Vertical
Synchronization with table
PBT-6 and TS-FM6/TS-CSA



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 | GXR-32SD | GXR-40SD | GXR-52SD | GXR-68SD | GXR-82SD | GXR-U32SD | GXR-U40SD | GXR-C32SD | GXR-C40SD | GXR-C52SD |
|--------------------------|--|---|--------------------------------|-------------|--------------|-------------------------------------|-------------|-----------------------------|-------------|-------------|
| Output Rating | 32kW | 40kW | 52kW | 68kW | 82kW | 32kW | 40kW | 32kW | 40kW | 52kW |
| Generator Name | GXR-32 | GXR-40 | GXR-52 | GXR-68 | GXR-82 | GXR-U32 | GXR-U40 | GXR-C32 | GXR-C40 | GXR-C52 |
| Line Nominal, Phase | 220-230VAC, 1Ø or 380/400/480VAC, 3Ø | | 380/400/480VAC, 3Ø | | | 100-240VAC, 1Ø 1kVA | | 110-120/220-230VAC, 1Ø 3kVA | | |
| Line Voltage Range | ±10%(Frequency 50*/60Hz) *Outside North America | | | | | | | | | |
| Tube Voltage | 40~125kV, 1kV Step (Optional 150kV) | | 40~150kV, 1kV Step | | | 40~125kV, 1kV Step (Optional 150kV) | | | | |
| Tube Current | 10 to 400mA | 10 to 500mA | 10 to 640mA | 10 to 800mA | 10 to 1000mA | 10 to 400mA | 10 to 500mA | 10 to 400mA | 10 to 500mA | 10 to 640mA |
| Time Range | 1mS to 10S | | | | | | | | | |
| mAs Range | 0.1 to 500mAs (Optional up to 1,000mAs) | | | | | | | 0.1 to 500mAs | | |
| Rotor Supply | Low Speed, Dual Speed (Option for 3Ø) | | Low Speed, Dual Speed (Option) | Dual Speed | | Low Speed (Optional LSS Brake) | | | | |
| 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 | | | | | | | | | |
| 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 | | | | | | | | | |
| S/SD | Table | PDT-1, PBT-4, PBT-6 | | | | | | | | |
| | WBS | WBS, WBS-TM | | | | | | | | |
| | Tube Stand | TS-FC2, TS-FC4, TS-FC6, TS-FM6, TS-CSA, TS-CSE | | | | | | | | |
| | Tube | Focal Size: 1.0/2.0mm, 0.6/1.5mm, 0.6/1.2mm, Anode Heat Unit: 140, 150, 200, 230, 300, 400, 600kHU | | | | | | | | |
| S/SD Premium (Motorized) | Table | PDT-1, PBT-4, PBT-6 | | | | | | | | |
| | WBS | WBS, WBS-TM, WBS-TA | | | | | | | | |
| | Tube Stand | TS-FC2, TS-FC4, TS-FC6, TS-FM6, TS-CSA | | | | | | | | |
| | Tube | Focal Size: 1.0/2.0mm, 0.6/1.5mm, 0.6/1.2mm, Anode Heat Unit: 140, 150, 200, 230, 300, 400, 600kHU | | | | | | | | |

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

Your Best Healthcare

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Specifications and features are subject to change without notice.

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

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DRGEM Service Community

24 hours 7 days Customer Support
through Salesforce Service Cloud CRM