#### System

Model Name Output Rating		GXR-32SD 32kW	GXR-40SD 40kW	GXR-52SD 52kW	GXR-68SD 68kW	GXR-82SD 82kW	GXR-U32SD 32kW	GXR-U40SD	GXR-C32SD 32kW	GXR-C40SD 40kW	GXR-C52SD
								40kW			52kW
Generator M	odel 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 1,000mA	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	o 500mAs (Optional up to 1,000m		As)		(	0.1 to 500m	As
Rotor Supply		Low Speed, Dual Speed (Option for 3Ф)		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 Csl 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							

• WBS external cassette holder

• Handgrips (Tabletop, WBS - Chest, Overhead)

• Electromagnetic switch for Tube Stand Rotation (FC or FM)



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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.

#### 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]

#### Options

- AEC
- DAP(Dose Area Product) Meter
- Vertical tube synchronization
- Table Bucky auto tracking
- Lateral cassette holder

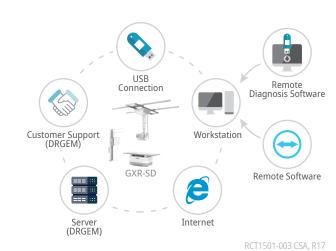
#### DRGEM Customer Service Center

- 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 detecting potential issues before problems occur.

\*May vary by country.

• Line Laser



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# **GXR-SD Series**

Digital Radiography System







## **GXR-SD** 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.



### 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.





#### **Automatic Stitching**

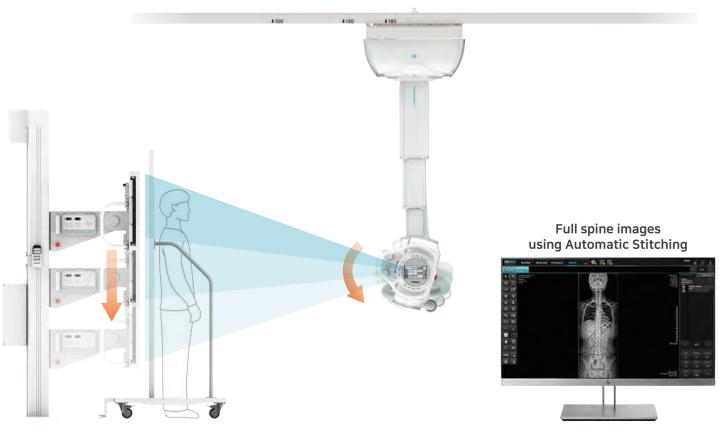
GXR-SD system provides outstanding automatic stitching function with Source tilting method.



Floor Ceiling Rail Type Tube Stand Versatile fixed ceiling with slim rail

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.

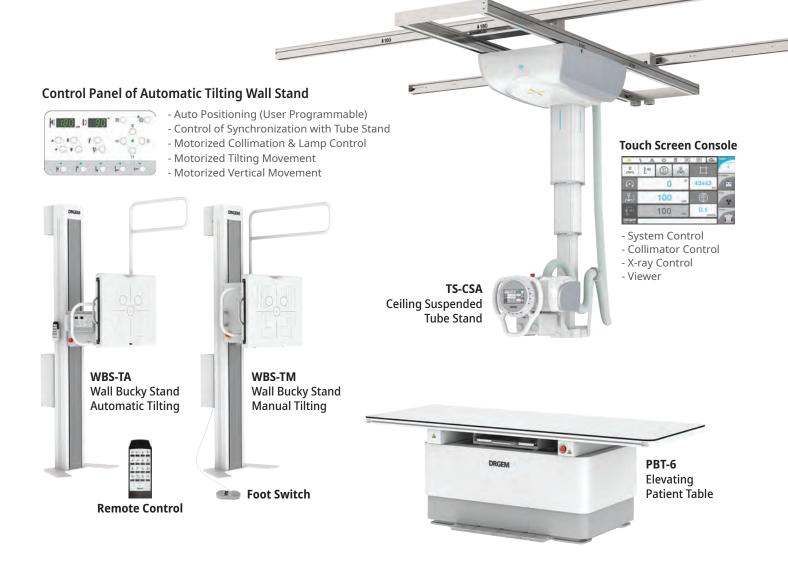


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Provides convenient user interface and easy operation.

- 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.

#### **Premium Ceiling Type**



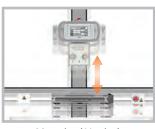
#### **Optional Functions of Synchronization**



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



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



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



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

