

# GXR-S SERIES

High Performance and Reliability



Floor-Ceiling  
Mounted  
Tube Stand

Floor Mounted  
Tube Stand

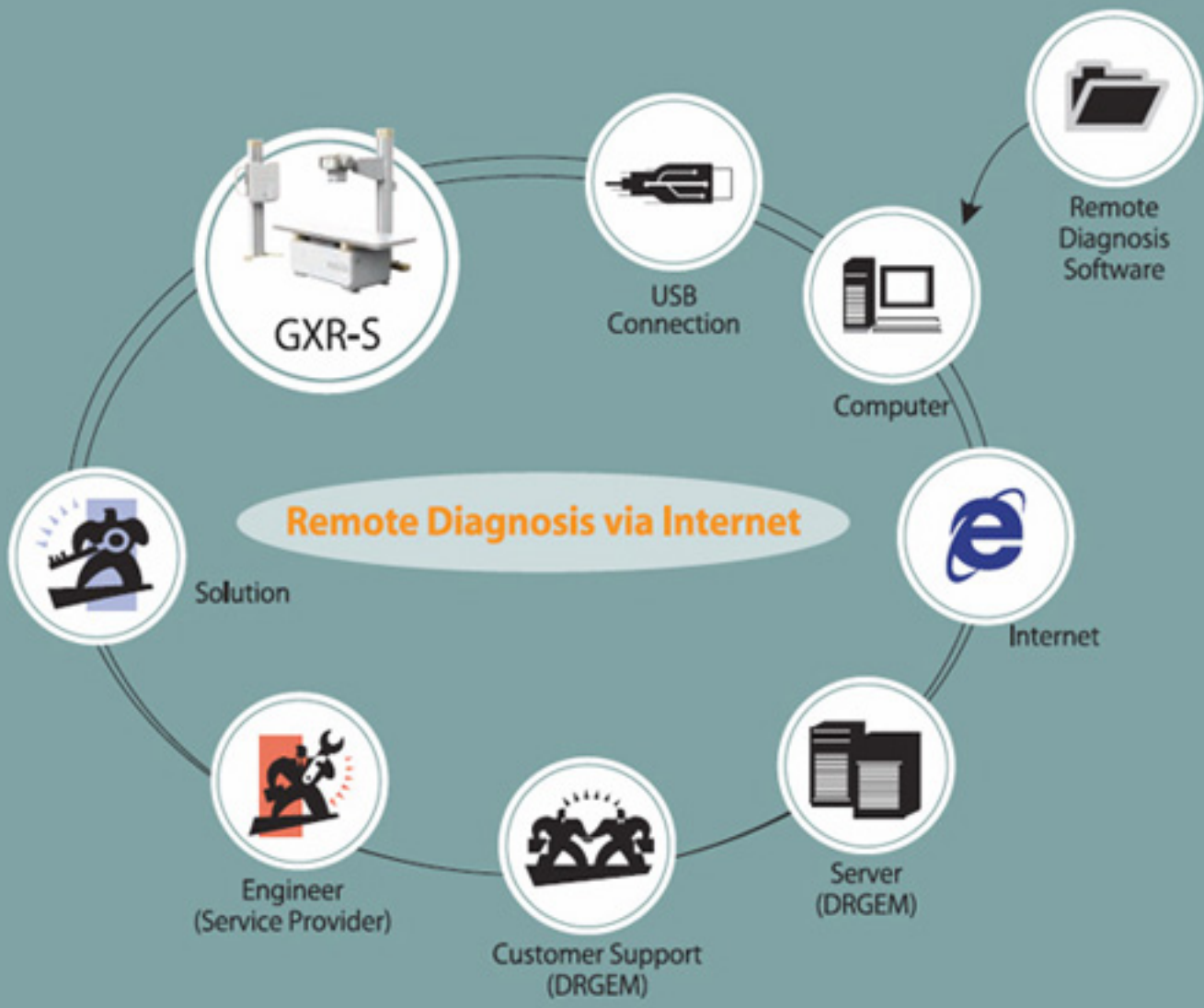


Vertical Wall  
Bucky Stand

Four-way Tabletop Patient Table



System Model	GXR-32S	GXR-40S	GXR-52S	GXR-68S	GXR-82S
	GXR-C32S	GXR-C40S			
	GXR-U32S	GXR-U40S			
Generator Model	GXR-32	GXR-40	GXR-52	GXR-68	GXR-82
	GXR-C32	GXR-C40			
	GXR-U32	GXR-U40			
Output Rating	32kW	40kW	52kW	68kW	82kW
Line Nominal, Phase	1 Phase 230VAC $\pm$ 10%, 3 Phase 400/480VAC $\pm$ 10% (Option)		3 Phase 400/480VAC $\pm$ 10%		
	1 Phase 110/230VAC $\pm$ 10%, 3KVA				
	1 Phase 100-240VAC, 3KVA				
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) GXR-C System requires mA sliding down at 500mAs				
Max. Power Output	400mA@80kV 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
Rotor Supply	Low Speed (Dual Speed Option for 3 Phase)		Dual Speed (Option for GXR-52)		
Reproducibility	Coefficient of Variation: kV < 0.005, Time < 0.005, mAs < 0.01				
Accuracy	kV < $\pm$ (1%+1kV), mA < $\pm$ (3%+1mA), Time < $\pm$ (1%+0.5ms), mAs < $\pm$ (3%+0.1mAs)				
Linearity	Coefficient of Linearity < 0.01 : CL = (X1-X2)/(X1+X2), where X is mR/mAs				
Anatomical Programs	User programmable max. 1,280 programs with APR utility software				
Technique Selection	4 point display(kV, mA, Time, mAs)				
Leakage Radiation	Less than 2mR/hr				
Dimension / Weight	Control Console Main Cabinet		336(W) x 47(H) x 232(D) mm / 1.7kg(3.8lbs) 650(W) x 655(H) x 455(D) mm / 100kg(220lbs)		



GXR-S

USB Connection

Computer

Remote Diagnosis Software

Remote Diagnosis via Internet

Solution

Internet

Engineer (Service Provider)

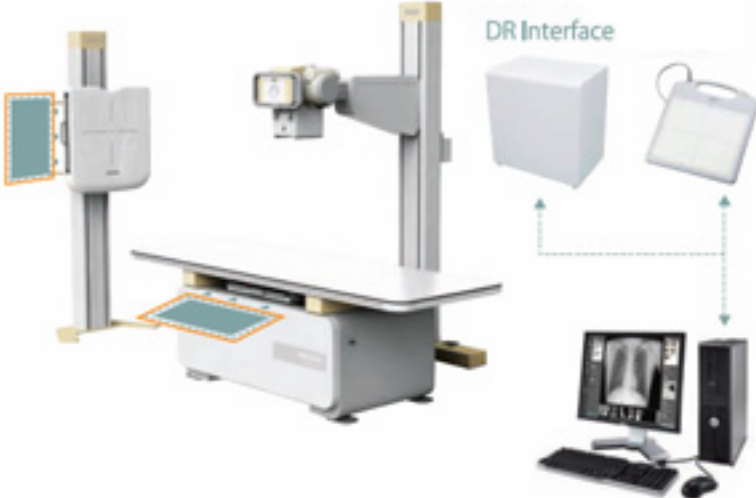
Customer Support (DRGEM)

Server (DRGEM)

### GXR System (Film)



### DR System



System Model	GXR-32S, GXR-40S, GXR-C32S, GXR-C40S, GXR-U32S, GXR-U40S		GXR-52S GXR-68S	GXR-82S	
Tube Model / Maker	E7239X / Toshiba	E7242X / Toshiba	E7252X / Toshiba	E7254X / Toshiba	E7255X / Toshiba
Focal Spot Size	1.0/2.0mm	0.6/1.5mm	0.6/1.2mm	0.6/1.2mm	0.6/1.2mm
Rating(0.1s)	22.5/47kW	18/50kW	27/75kW	40/102kW	40/102kW
Max. Anode HU	140kHU(100kJ)	200kHU(142kJ)	300kHU(210kJ)	400kHU(285kJ)	300kHU(210kJ)
Max. kV	125kV	125kV	150kV	150kV	150kV
Inherent Filtration	0.9mmAl/75kV, IEC60522/1999			0.8mmAl/75kV, IEC60522/1999	
Additional Filtration	1.0mmAl				
Half Value Layer	More than 2.9mmAl eq. at 80kVp				
Leakage Radiation	Less than 100mR/hr				

Model	TS-FC6 / TS-FM6	
Tube Rotation Angle	$\pm 135^\circ$	
Tube stroke	Longitudinal	Max. 2,500mm / Max. 2,100mm
	Transverse	220mm
	Vertical	1,330mm(430~1,760mm from Floor to Focus)
Lock	EM Lock, Switch on/off	
Balance	Counter Weight	
Column Rotation	90° step, Foot Lock	
Electrical Rating	24VDC, 3A (Optional 230VAC, 1A, 50/60Hz)	
Dimension / Weight	2,060(H) x 900(W) x 1,140(D) mm / 180kg(397lbs)	

Model	TS-CSA	
Tube Rotation Angle	$\pm 180^\circ$	
Tube stroke	Longitudinal	Max. 3,500mm
	Lateral	Max. 2,500mm
	Vertical	1,200 (1,500) mm
Lock	EM Lock, Switch on/off	
Balance	Spring	
Electrical Rating	230VAC, 0.5A, 50/60Hz	
Dimension / Weight	Max. 2,000(H) x 4,000(W) x 3,000(D) mm / 140kg(309lbs)	



Model	PBT-4	
Tabletop	Inherent Filtration	Less than 1.7mmAl eq. at 100kV
	Size	2,200(W) x 750(D) x 45(H) mm
Tabletop Movement	Longitudinal	1,000( $\pm$ 500)mm
	Transverse	250( $\pm$ 125)mm
Bucky stroke	Longitudinal 350mm	
Grid	Focal distance 34~44 inch, 85~103 lpi, ratio 8:1~12:1	
Lock	EM Lock, beam sensor on/off	
Center indication	Buzzer sound and LED	
Electrical Rating	24VDC, 2.5A	
Dimension / Weight	2,200(W) x 750(D) x 660(H) mm / 150kg(330lbs)	

Model		PBT-6		
Tabletop		Inherent Filtration	Less than 1.0mmAl at 100kV	
		Size	2000(W) x 750(D) x 70(H) mm	
Movement	Tabletop	Longitudinal	800(±400)mm	
		Transverse	250(±125)mm	
	Vertical	Travel	350mm (500~850mm from floor to tabletop)	
		Speed	6mm/sec	
		Operating	Motorized movement by Foot Switch	
Bucky	Longitudinal	230mm		
Grid		Focal distance 34~44inch, 85~103 lpi, ratio 8:1~12:1		
Lock		EM Lock, Foot Switch on/off		
Center indication		Transverse center, height center		
Side Cover		3-story telescopic cover		
Electrical Rating		230VAC, 1A, 50/60Hz		
Dimension / Weight		Max. 2000(W) x 780(D) x 850(H) mm / 270kg(595lbs)		

Model	MCR
Control	Manual with 30sec. lamp timer
Max. Field Size	> 43x43cm(17x17Inch) at 100cm SID
Max. kVp shield	150kV
Leakage Radiation	< 100mR/hr
Inherent Filtration	< 1.2mmAl eq.
Lamp Luminosity	> 160LUX at 100cm SID
Electrical Rating	24VAC, 6.3A, 50/60Hz
Dimension / Weight	185(W) x 213(D) x 180(H) mm 6.3kg(13.9lbs)

**Model****WBS**

Cassette stroke

Vertical 1,260mm  
(420~1,680mm from  
Floor to Bucky center)

Lock

EM Lock, Switch on/off

Balance

Counter Weight

Electrical Rating

24VDC, 1A

Dimension / Weight

Max. 1,920(H) x 740(W) x 410(D) mm  
120kg(264lbs)

**CE** 0434

**KFDA**