

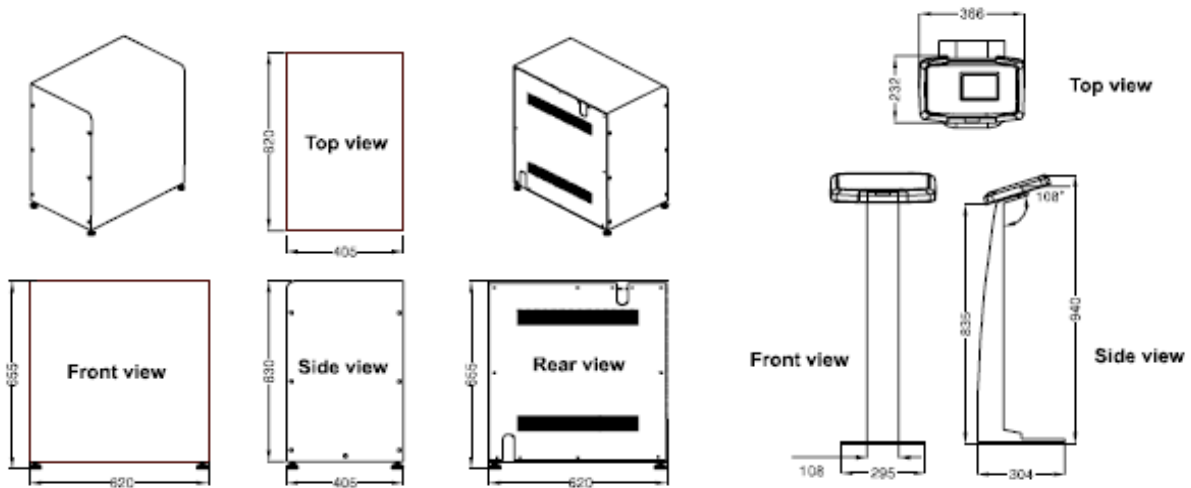
As a manufacturer of medical X-ray High-Frequency Generator, DRGEM Corporation must meet the highest standards of Quality in the industry. Quality starts at the design level and permeates through out the organization to archive reliable and extremely performing products.

Model	GXR-32	GXR-40	GXR-52	GXR-68	GXR-82
Power Rating	32kW	40kW	52kW	68kW	82kW
Line Nominal, Phase	230VAC, 1Φ 400/480VAC, 3Φ		400/480VAC, 3Φ		
Line Voltage Range	±10% (Frequency: 50/60Hz)				
kV Range	40~125kV, 1kV step 40~150kV for 3Φ		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)				
Max. Power Output	400mA@80kV 320mA@100kV 250mA@125kV 200mA@150kV(3Φ)	500mA@80kV 400mA@100kV 320mA@125kV 250mA@150kV(3Φ)	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 3Φ)		Dual Speed (Option for GXR-52)		
Anatomical Programs	Max 1,280 programs, APR programming software				
Reproducibility	Coefficient of Variation: kV < 0.002, Exposure Time < 0.002, mAs < 0.005 IEC0601-2-7 standard: kV < 0.05, Exposure Time < 0.05, mAs < 0.05				
Accuracy	kV < ±(1%+1kV), mA < ±(3%+1mA), Time < ±(1%+0.5ms), mAs < ±(3%+0.1mAs) IEC60601-2-7 standard: kV < ±10%, mA < ±20%, Time < ±(10%+1ms), mAs < ±(10%+0.2mAs)				
Linearity	Coefficient of Linearity: CL < 0.01 CL = (X1-X2)/(X1+X2), where X is mR/mAs, IEC0601-2-7 standard: CL < 0.1				
Technique Selection	4 point display(kV, mA, Time, mAs): kV/mAs, kV/mA/Time, kV/AEC option				
Image Receptors	2 Bucky + 1 Non-Bucky				
Auxiliary Power Supply	External System Power		230VAC, 1A, 230W		
			115VAC, 1A, 115W		
	Magnetic Lock Power		28VDC, 3.15A, 90W		
	Collimator Lamp Power		24VAC, 6.3A, 150W		
Standards	<ol style="list-style-type: none"> 1. Exposure Hand-Switch 2. Remote diagnosis function with software 3. ISP module for firmware upgrade (service provider only) 4. Manual (Operator, Installation/Service, Firmware upgrade, Remote Diagnosis) 				
Options	<ol style="list-style-type: none"> 1. AEC(Automatic Exposure Control) Interface: Two AID or Vacu-Tec Ion-chambers 2. DR(Digital Radiography) Interface <ol style="list-style-type: none"> A. DR signal interface B. SDK for software development (including PC interface module) 3. Pedestal console stand 4. Control software (Standard or Custom, including PC interface module) 				

● Dimension and Weight

ITEM	LENGTH	WIDTH	HEIGHT	WEIGHT	
				1Φ	3Φ
Main cabinet	15.95 (405)	25.59 (650)	25.79 (655)	209 (95)	220 (100)
Control console	9.13 (232)	14.41 (366)	1.85 (47)	3.8 (1.7)	
Pedestal Console Stand	11.97 (304)	9.02 (229)	34.84 (885)	15.4 (7)	

The above dimensions are inches (mm), weights are in pounds (Kg).



The above dimensions are (mm)

Qualify and Certifications

GXR-32 / GXR-40 : CE and UL certification is obtained.

GXR-52 / GXR-68 / GXR-82 : CE certification in progress.

Completed Certification :

Category	Model	Certificate	Date of Issue
H-V Generator	GXR-32 (1P:230V)	CE marking	Apr-08
	GXR-40 (1P:230V)		
	GXR-32 (1P:230V)	UL	Feb-08
	GXR-40 (1P:230V)		



ISO 9001 / ISO 13485



