



# PT. MULYA HUSADA JAYA

*Hospital & General Supplier*

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No : 009/IH\_MHJ02/MKT/VII/2020

Hal : Informasi Harga

Surabaya, 06-07-2020

Kepada Yth.

**Direktur RS. Mata Undaan**

Jl. Undaan Kulon No 19, Peneleh, Kec. Genteng  
Surabaya

Dengan hormat,

Bersama ini perkenankan kami sebagai distributor resmi produk DRGEM, bermaksud untuk menyampaikan informasi harga alat kesehatan, sebagai berikut :

**1. X-Ray 500mA (Floor Mounted)**

**Merk : DRGEM**

**Type : GXR-C40S**

**Rp. 1.025.000.000,-**

Komposisi :

- ~ Generator
- ~ Tube
- ~ Operator console
- ~ Floor Mounted tube stand
- ~ 4-way floating table
- ~ Wall bucky stand

*Special price* **Rp. 666.250.000,-**

**2. Digital X-Ray System 500mA (Floor Mounted)**

**Merk : DRGEM**

**Tipe : GXR-C40SD**

**Rp. 2.780.000.000,-**

Komposisi :

- ~ Generator
- ~ Tube
- ~ Workstation
- ~ Floor Mounted tube stand
- ~ 4-way floating table
- ~ Wall bucky stand
- ~ Wireless detector

*Special price* **Rp. 1.807.000.000,-**

Adapun kondisi informasi harga kami adalah sebagai berikut:

1. Harga Franco Surabaya dan sudah termasuk PPN 10%.
2. Delivery time : 2-3 bulan indent
3. Pembayaran : 50% Down Payment : 50% Setelah barang datang;
4. Informasi harga berlaku selama 14 hari
5. Garansi selama 1 tahun dan after sales terjamin.\

Demikian informasi harga ini kami buat dan sambil menunggu kabar baik kami ucapkan terima kasih.

Hormat kami,



**P.T. MULYA HUSADA JAYA**

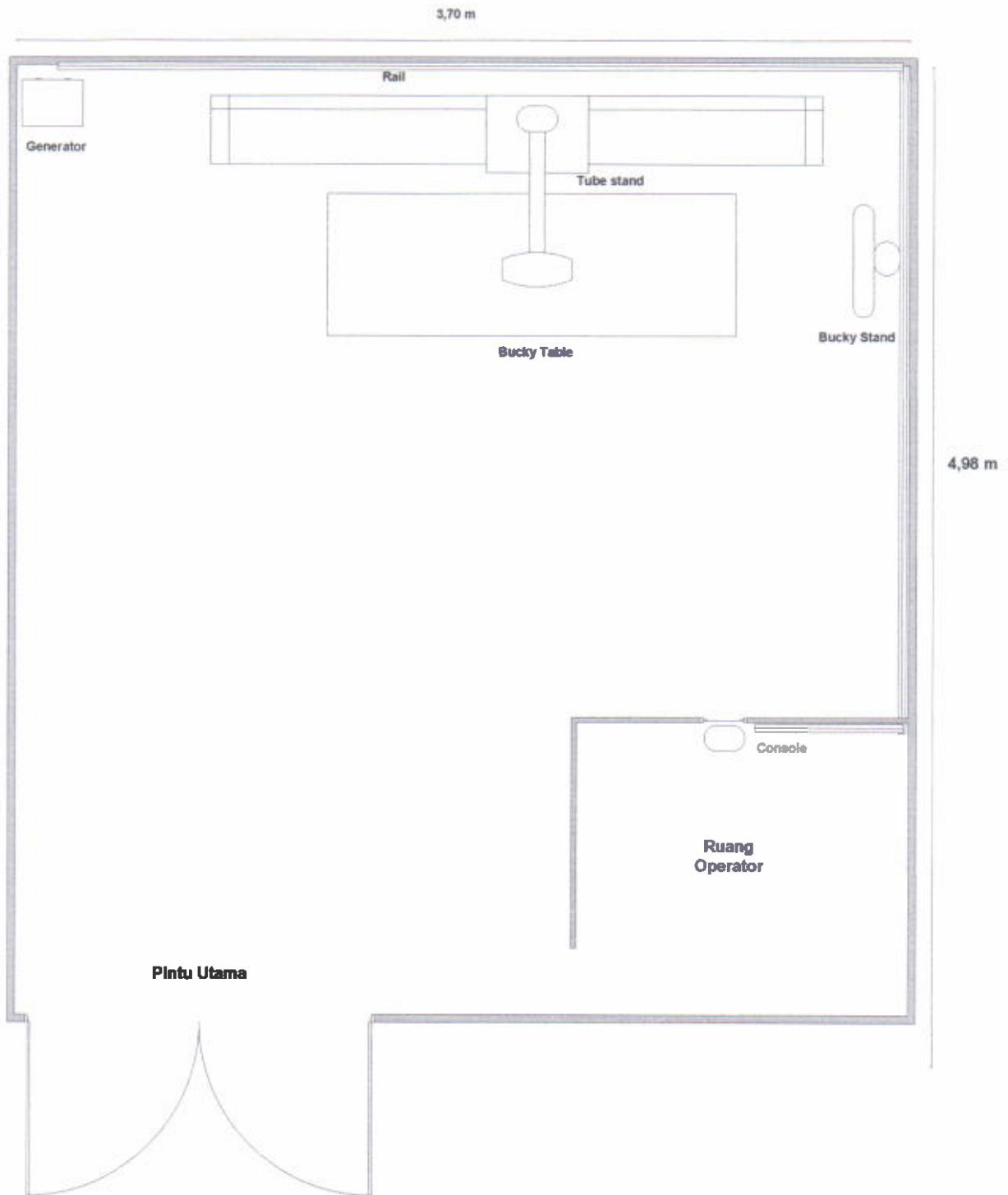
**Rini Suslanti**

Area Manager

Pelaksana : Tri Prasetyo (0822-5743-3494)

FM-SL-002A/00/12 Feb 2018

# DENAH RUANG XRAY RS MATA UNDAAN



# GXR-S Series

Diagnostic X-ray System



# GXR Diagnostic X-ray System

Simple to Premium



The newly designed GXR diagnostic X-ray system matches with a radiographic room which perfectly fits your workflow and can be easily upgraded to DR system with the help of DR interface and PC interface in GXR generator as well as Bucky suitable to Flat Panel Detector.

GXR X-ray system is equipped with a high frequency X-ray generator which consistently produces high quality radiograph in favor of high quality X-ray output with a very small kV ripple and accurate mA and mAs.

GXR X-ray system is designed to provide convenience to operator and comfort to patient.

## Floor Type



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

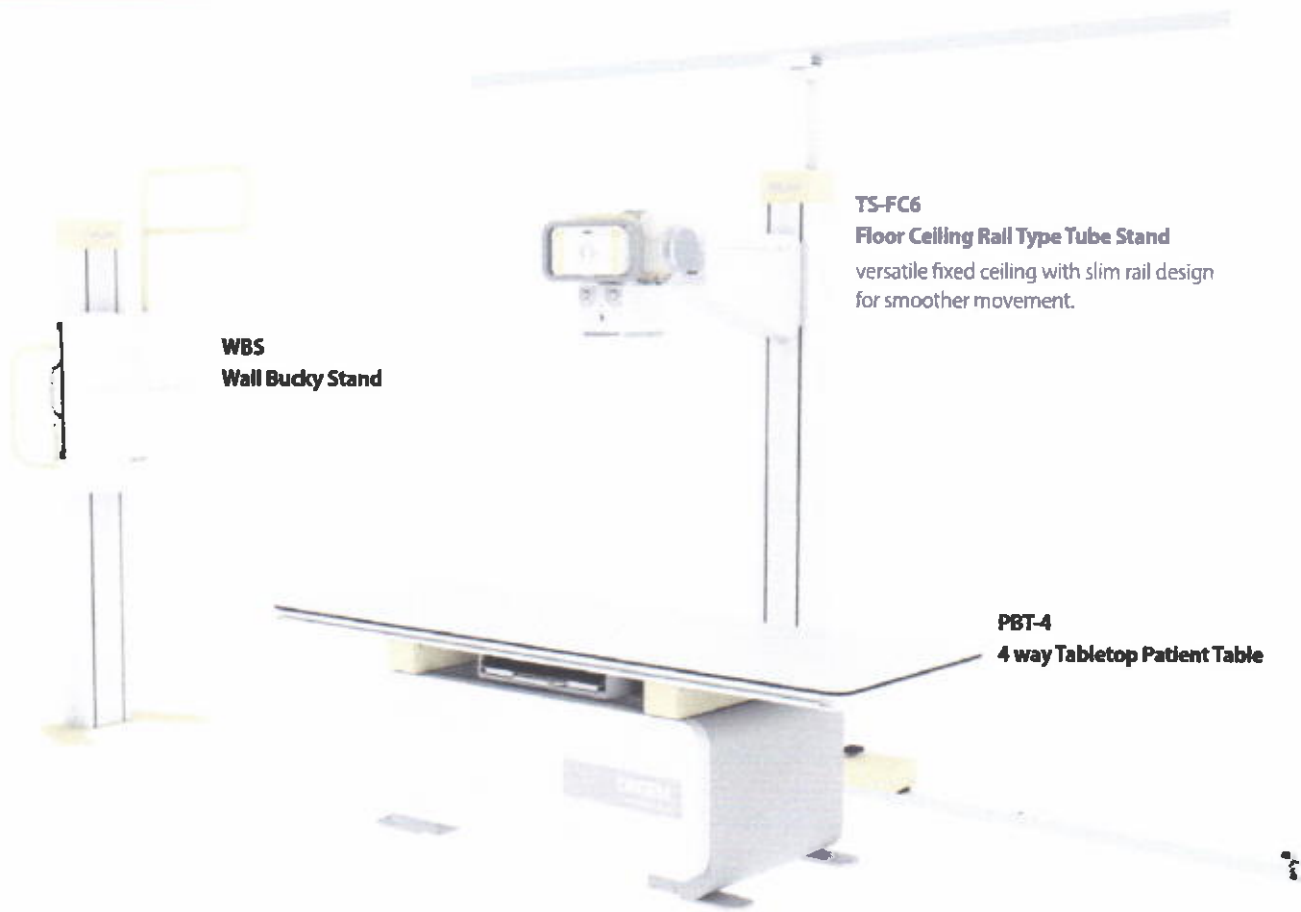


**TS-FM6  
Floor Mount Tube Stand**  
Floor Rail type tube stand provides all radiography studies with smooth movement on the rail.



**PBT-4  
4 way Tabletop Patient Table**  
A large tabletop with extended travel enables all radiography studies with minimal patient movement, and supporting patient weight upto 300kg. Fully flat tabletop without a frame on the edge makes cleanliness and odors free.

## Floor Ceiling Type

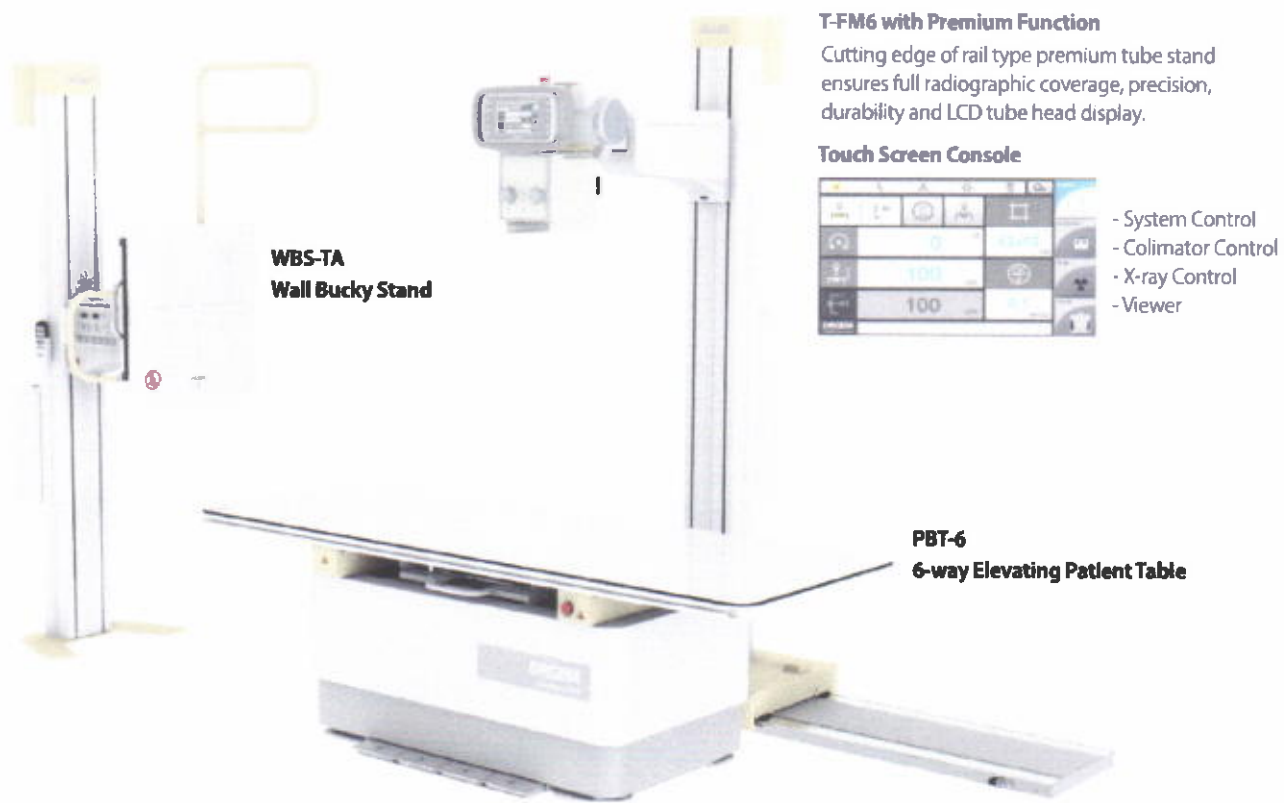


**WBS**  
**Wall Bucky Stand**

**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**

## Premium Floor Type



**WBS-TA**  
**Wall Bucky Stand**

**T-FM6 with Premium Function**  
Cutting edge of rail type premium tube stand  
ensures full radiographic coverage, precision,  
durability and LCD tube head display.

**Touch Screen Console**

System Control
Colimator Control
X-ray Control
Viewer

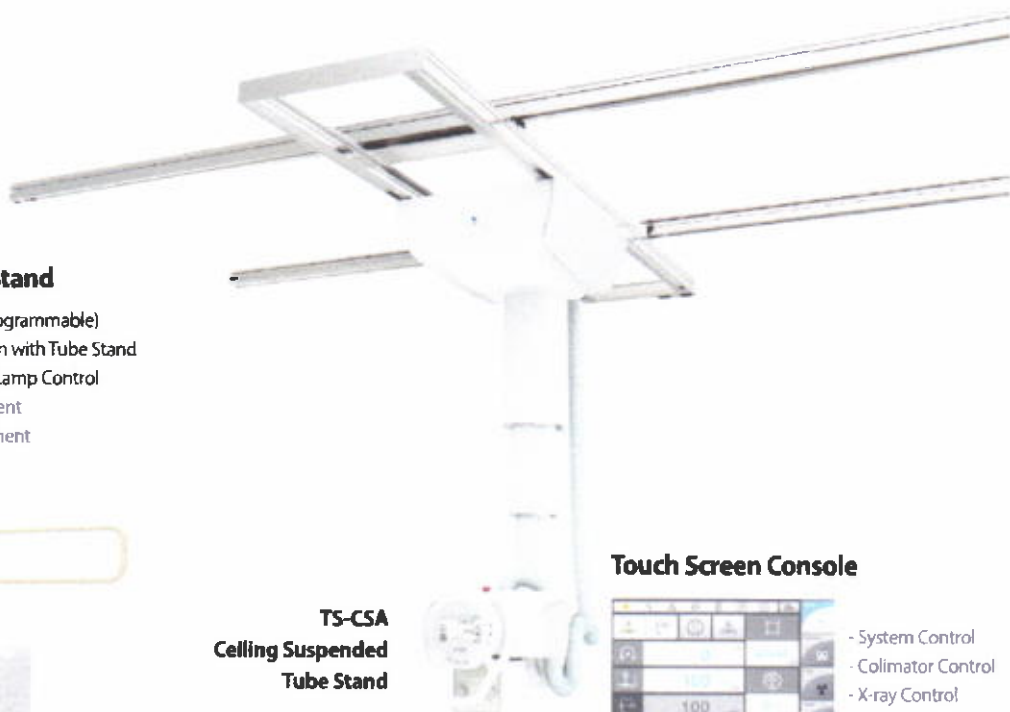
**PBT-6**  
**6-way Elevating Patient Table**

## Premium Ceiling Type

### Control Panel of Automatic Tilting Wall Stand

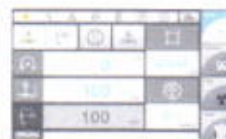


- Auto Positioning (User Programmable)
- Control of Synchronization with Tube Stand
- Motorized Collimation & Lamp Control
- Motorized Tilting Movement
- Motorized Vertical Movement



TS-CSA  
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



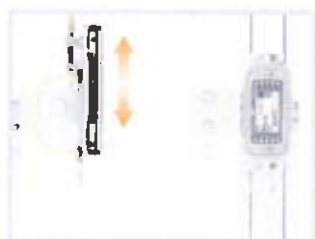
Remote Control

Foot Switch

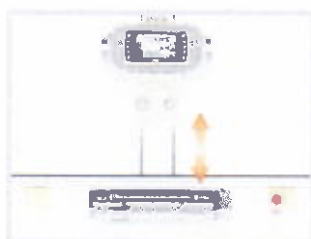


PBT-6  
Elevating  
Patient Table

## Optional Functions of Synchronization



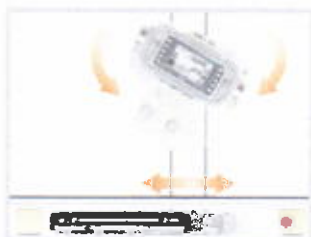
Motorized Vertical  
Synchronization with wall stand  
WBS/WBS-TM/WBS-TA and TS-FM6/TS-CSA



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-32S	GXR-40S	GXR-52S	GXR-68S	GXR-82S	GXR-C32S	GXR-C40S	GXR-C52S	GXR-U32S	GXR-U40S
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, *: Outside of North America									
Tube Voltage	40 to 125kV, 1kV Step (option: 150kV)		40 to 150kV, 1kV Step			40 to 125kV, 1kV Step (option: 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 640mA	10 to 400mA	10 to 500mA
Time Range	1mSec to 10Sec									
mAs Range	0.1—500mAs									
Rotor Supply	Low Speed (option: DC Brake)		Low Speed (option: DC Brake, Dual Speed)	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								

## Options

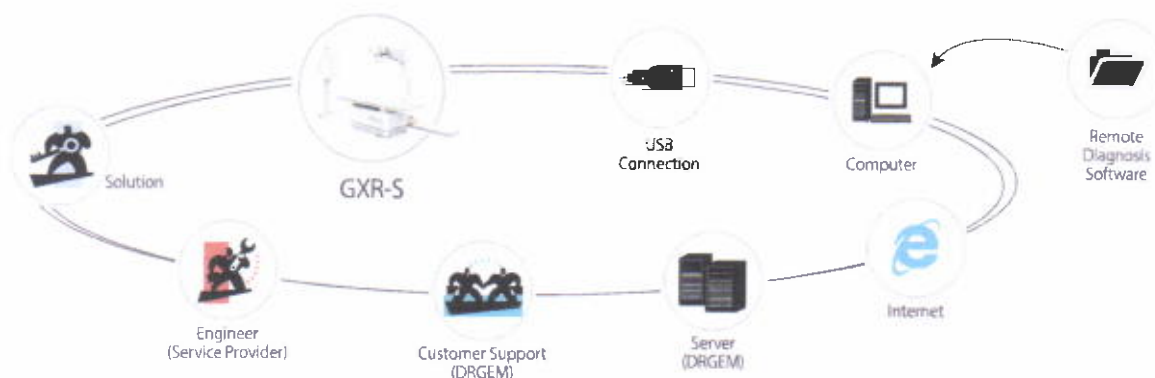
- AEC
- DAP(Dose Area Product) Meter
- Vertical tube synchronization
- Table Bucky auto tracking
- Lateral cassette holder
- WBS external cassette holder
- Line Laser
- Handgrips (Tabletop, WBS - Chest, Overhead)
- Electromagnetic switch for Tube Stand Rotation (FC or FM)
- 23 inch Touch Screen Console



Touch Screen X-ray Control Console

## Remote Diagnosis via Internet

Enable to find the cause of failure or error easily and quickly and minimize down time.



# DRGEM

DRGEM Corporation

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Specifications and features are subject to change without notice.

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*Address:*

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



# GXR-C Series

Capacitor assisted High Frequency X-ray Generator

*Cutting Edge 52kW x-ray generation  
Only from 3kVA line power required*

## Features

- Fully Automatic mA/kV Calibration
- Easy parameter setting and firmware upgrade
- System self-diagnosis function
- System quality maintenance via Remote Diagnosis
- Real time monitoring self diagnosis and error code display
- Remote Diagnosis via internet reduces service cost and down time
- Tube overloading and housing overheating protection
- User-programmable anatomical programs with APR Utility
- Only maximum 3kVA voltage line power is required for operation
- Maximum charging interval after maximum x-ray output: 10 seconds



## Options

- AEC (Automatic Exposure Control) Interface
- DR (Digital Radiography) Interface: SDK, PC interface module, Signal interface
- Pedestal Console Stand
- 23" Touch Screen Console



Touch Screen X-ray Control Console



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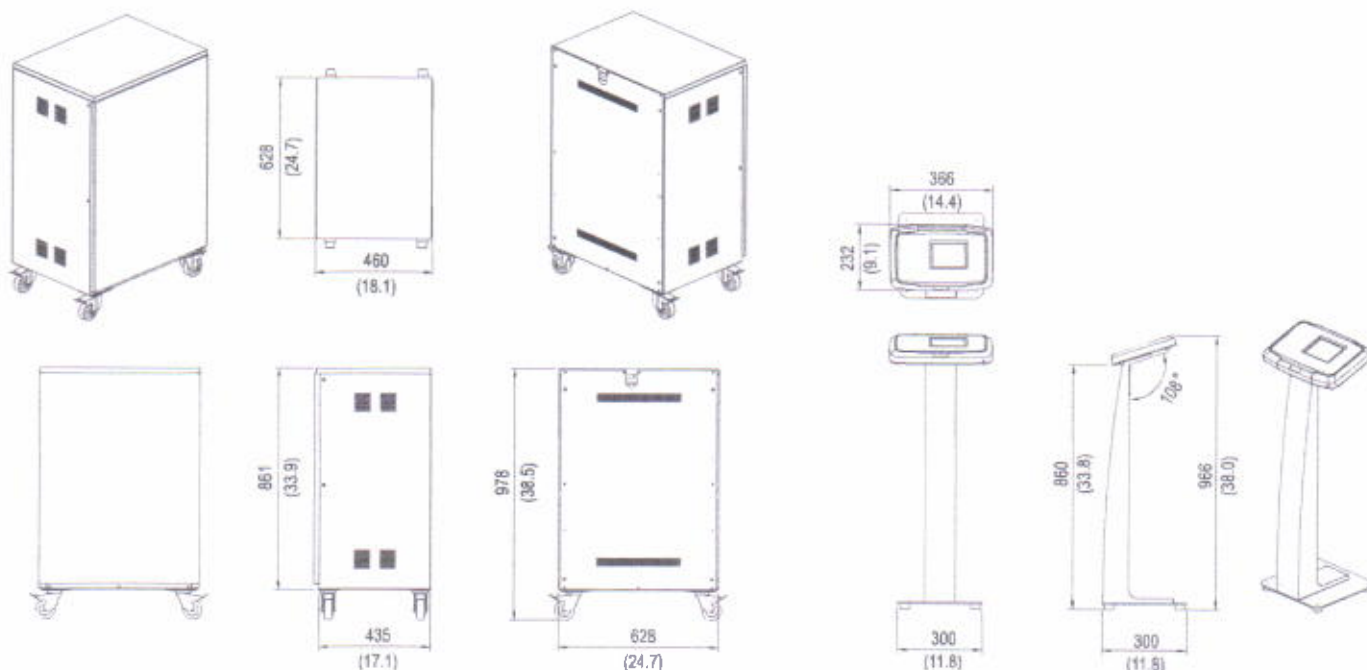


## Specification

Model	GXR-C32	GXR-C40	GXR-C52
Line Power Rating	110–120, 220–230VAC, 1 $\phi$ , $\pm$ 10%(50*/60Hz), 3kVA *: Outside North America		
Output Rating	32kW	40kW	52kW
Max. Output	400mA at 80kV 320mA at 100kV 250mA at 125kV 160mA at 150kV (Optional)	500mA at 80kV 400mA at 100kV 320mA at 125kV 200mA at 150kV (Optional)	640mA at 81kV 500mA at 104kV 400mA at 130kV 250mA at 150kV (Optional)
kV Range	40 to 125kV (Optional 150kV)		
mA Range	10 to 400mA	10 to 500mA	10 to 640mA
mAs Range	0.1 to 500mAs		
Rotor Supply	Low Speed Starter, Optional DC Brake		
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 = (X $\pm$ 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)		
Image Receptors	2 Bucky + 1 Non-Bucky		
Auxiliary Power Supply	External System Power	230VAC, 1A, 230W	
		110VAC, 1A, 110W	
	Magnetic Lock Power	28VDC, 5A, 140W	
	Collimator Lamp Power	24VAC, 6.3A, 150W	

## Dimension

Unit: mm (Inch)



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# GXR-SD Series

Digital Radiography System



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CE 2460

# GXR-SD Digital Radiography System

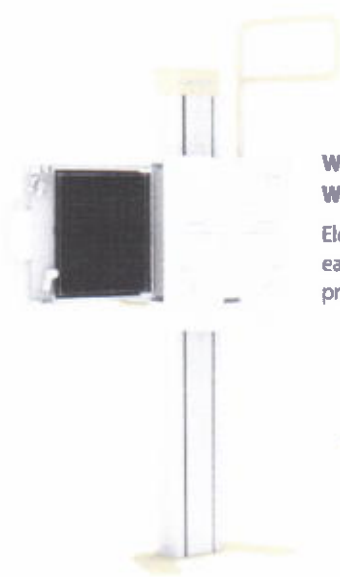
High Performance and Reliability

## 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.



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



**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**  
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

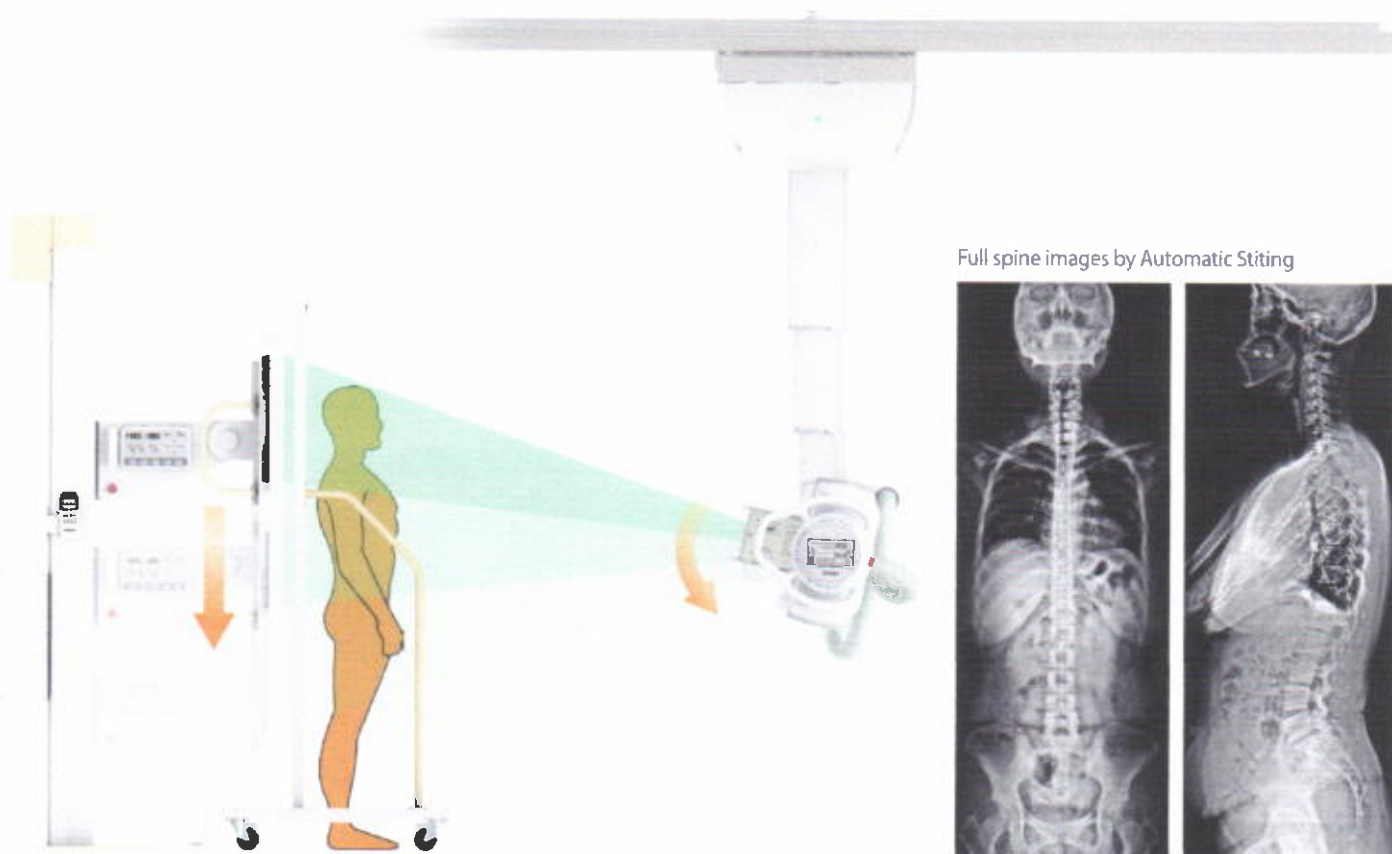
DRGEM's high-performing imaging workstation and software system offers a convenient interface and easy operation for its users. Anatomical view-based digital image processing automatically optimizes and enhances the quality of the captured images, while the automatic image storage and printing with DICOM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



## Ceiling System with Premium Function

### 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



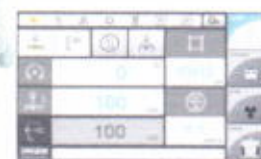
Remote Control



Foot Switch

**TS-CSA**  
Ceiling Suspended  
Tube Stand

**Touch Screen Console**

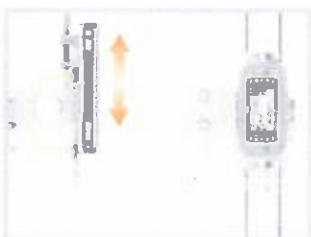


- System Control
- Collimator Control
- X-ray Control
- Viewer

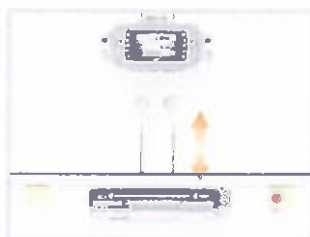


**PBT-6**  
Elevating  
Patient Table

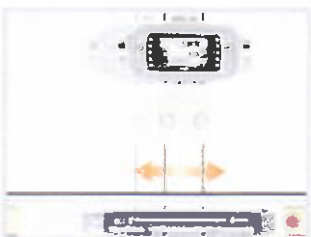
## Optional Functions of Synchronization



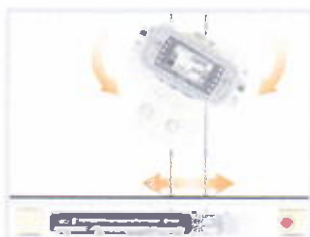
**Motorized Vertical Synchronization with wall stand**  
WBS/WBS-TM/WBS-TA and TS-FM6/TS-CSA



**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



Mobile Van

## System

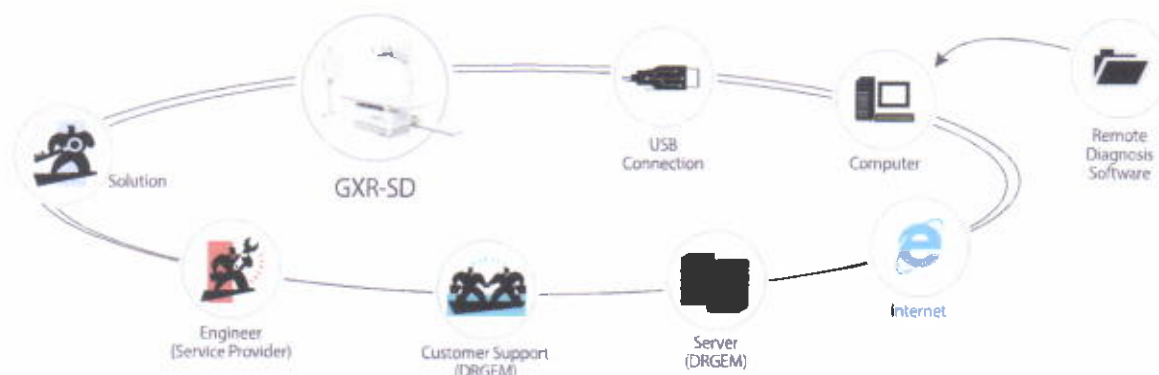
Model Name	GXR-32SD	GXR-40SD	GXR-52SD	GXR-68SD	GXR-82SD	GXR-C32SD	GXR-C40SD	GXR-C52SD	GXR-U32SD	GXR-U40SD
Output Rating	32kW	40kW	52kW	68kW	82kW	32kW	40kW	52kW	32kW	40kW
Generator Model Name	GXR-32	GXR-40	GXR-52	GXR-68	GXR-82	GXR-C32	GXR-C40	GXR-C52	GXR-U32	GXR-U40
Input Power	230VAC±10%, 1Ø or 400/480VAC±10%, 3Ø		400/480VAC±10%, 3Ø			99 ~ 132VAC or 198 ~ 253VAC, 1Ø 3kVA			Free Voltage Input, (100—240VAC, 1Ø) 1 kVA	
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	10 to 400mA	10 to 500mA	10 to 640mA	10 to 800mA	10 to 1,000mA	10 to 400mA	10 to 500mA	10 to 640mA	10 to 400mA	10 to 500mA
Time Range	1mS to 10S									
mAs Range	0.1 to 500mAs									
Rotor Supply	Low Speed (option: DC Brake)		Low Speed (option: DC Brake, Dual Speed)	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)

## Remote Diagnosis via Internet

Enable to find the cause of failure or error easily and quickly and minimize down time.





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**PT. MULYA HUSADA JAYA**

*Hospital & General Supplier*

**Tri Prasetio**

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