

EXS-Series

Digital Radiography System

- EXS-32R
- EXS-40R
- EXS-52R
- EXS-68R



Tube stand

Ergonomically designed for user comfort and convenience



FLOOR MOUNTED TYPE (STANDARD)

Tube Stand (Floor Mounted)			
Column Height	2160mm	Transverse Travel	300mm
Vertical Travel	1390mm	Column Rotation	±90°
Longitudinal Travel	1700mm	Tube Rotation	±180°



FLOOR TO CEILING TYPE (OPTIONAL)

Tube Stand (Floor to ceiling)			
Column Height	2135mm	Transverse Travel	300mm
Vertical Travel	1390mm	Column Rotation	±90°
Longitudinal Travel	1600mm	Tube Rotation	±180°

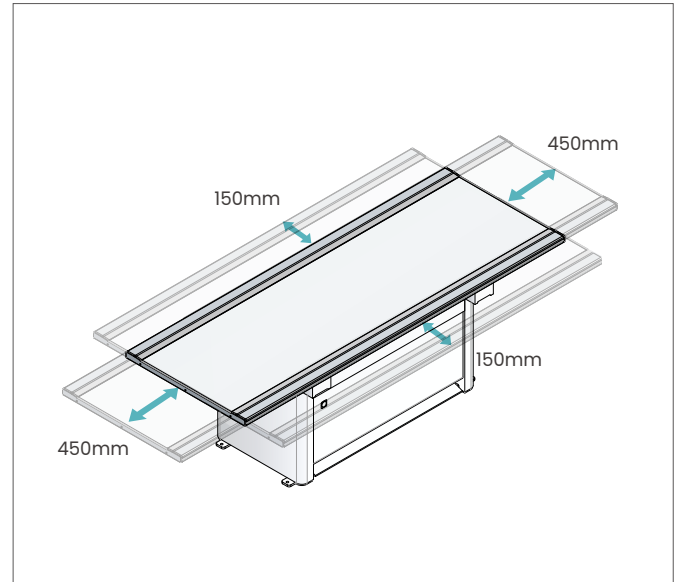


Wall Bucky stand

Wall bucky stand	
Column Height	1920mm
Vertical Travel	1260mm
Focal Spot Height Min	12mm
Focal Spot Height Max	1940mm
Front Panel AL EQV.	0.4mm

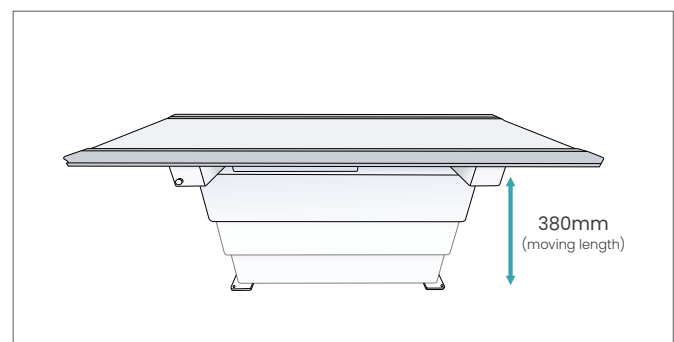
4way floating top table

Robust design for long-term durability



Patient Table (4-way Float-top)			
Dimension	2200x820x708mm	Transverse Travel	300mm
Longitudinal Travel	900mm	Bucky Travel	360mm

Elevation table (optional)



Patient Table (Elevation table)			
Table top	2000 x 740mm	Transverse Travel	200mm
Longitudinal Travel	700mm	Vertical Travel	380mm (450 to 830mm from bottom)

High Frequency Generator

We have our own generator technology



- Remote Diagnosis to check error (optional)
- Capacitor assisted generator (optional)

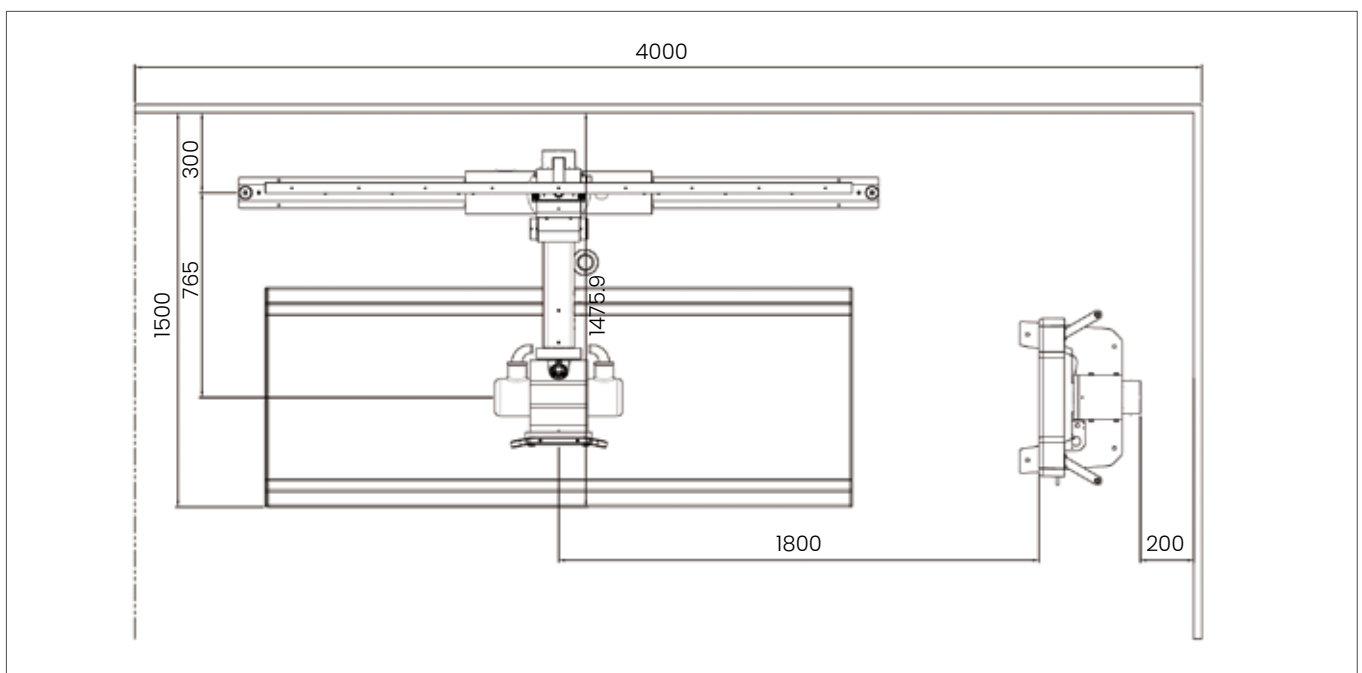
System					
Model	Single-Phase Diagnostic X-ray System		Three-Phase Diagnostic X-ray System		
	EXS-32R	EXS-40R	EXS-40R	EXS-52R	EXS-68R
X-ray Generator					
Model	SXG-32R	SXG-40R	SXG-40R	SXG-52R	SXG-68R
Power Rating	32kW	40kW	40kW	52kW	68kW
Line Phase	1 Φ (Single-Phase)	1 Φ (Single-Phase)	3 Φ (Three-Phase)	3 Φ (Three-Phase)	3 Φ (Three-Phase)
Line Nominal	230V $\pm$ 10% 50/60Hz	230V $\pm$ 10% 50/60Hz	400V $\pm$ 10% 50/60Hz	400V $\pm$ 10% 50/60Hz	400V $\pm$ 10% 50/60Hz
kV Range	40 to 125kV	40 to 125kV	40 to 125kV	40 to 150kV	40 to 150kV
mA Range	10 to 400mA	10 to 500mA	10 to 500mA	10 to 640mA	10 to 800mA
Timer Range	1ms to 10sec 36steps	1ms to 10sec 36steps	1ms to 10sec 36steps	1ms to 10sec 36steps	1ms to 10sec 36steps
mAs Range	0.1 to 400mAs	0.1 to 500mAs	0.1 to 500mAs	0.1 to 640mAs	0.1 to 800mAs
Max. Power Output	400mA@80kV 320mA@100kV 250mA@125kV	500mA@80kV 400mA@100kV 320mA@125kV	500mA@80kV 400mA@100kV 320mA@125kV	640mA@81kV 500mA@104kV 400mA@130kV 320mA@150kV	800mA@85kV 640mA@106kV 500mA@136kV 400mA@150kV
Rotor Supply	Low Speed Starter (LSS)	Low Speed Starter (LSS)	Low Speed Starter (LSS)	Low Speed Starter (LSS), Option DSS	Dual Speed Starter (DSS)
Weight	108kg	108kg	110kg	110kg	110kg
Dimension (DxWxH)	430x620x640mm				
Reproducibility	Coefficient of Variant : kV<0.005 , Time<0.005, mAs<0.01				
Accuracy	kV< $\pm$ (3%+1kV), mA< $\pm$ (5%+1mA), Time< $\pm$ (1%+1ms), mAs< $\pm$ (3%+1mAs)				
Linearity	Coefficient of Linearity < 0.01 : CL= (X1-X2)/(X1+X2), where X is mR/mAs				
X-ray Tube					
Model	TOSHIBA E7239X		TOSHIBA E7252X		
Max. Power	125kVp		150kVp (125kVp@LSS)		
Max. Heating Unit	140kHU (100kJ)		300kHU (210kJ)		
Nominal Focal Spot	1.0@Small , 2.0@Large		0.6@Small , 1.2@Large		
Maximum Tube Current	350mA@Small , 600mA@Large		400mA@Small , 1000mA@Large		
Max. Voltage to Ground	65kV		78kV		
Weight	16kg		18kg		
Filtration & Anode Type	0.9mmAL & Rotating Anode				
Target	12 degrees (Rhenium-Tungsten faced Molybdenum)				

PSU (Capacitor Assisted Power Supply Unit) - Option



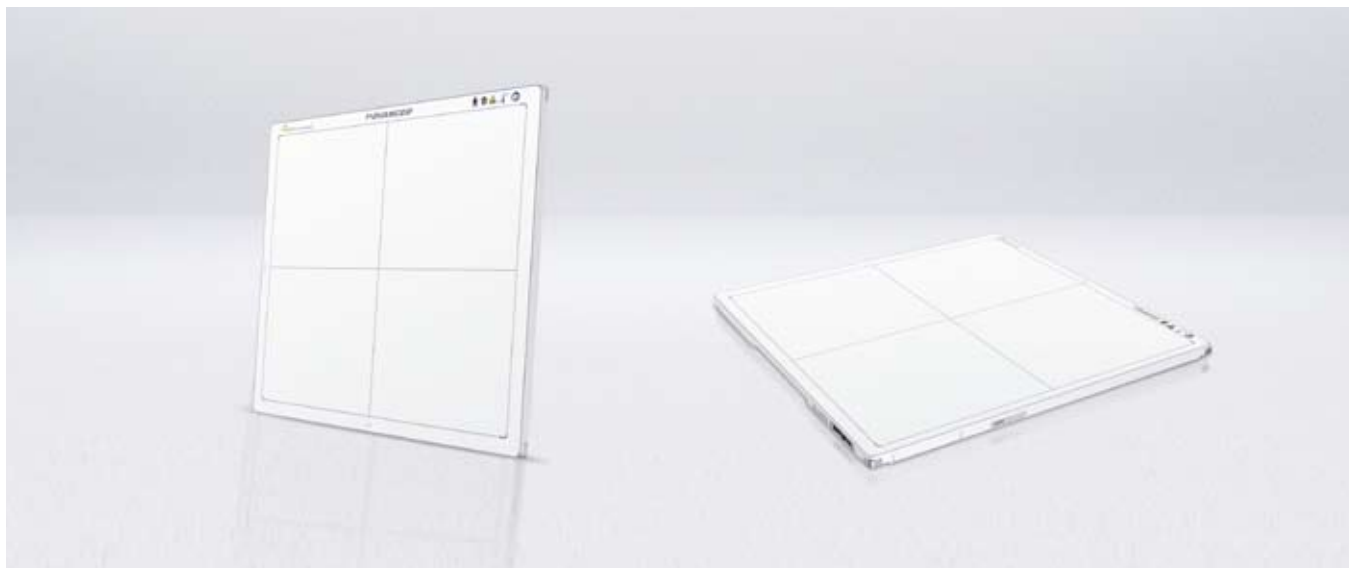
PSU (Capacitor Assisted Power Supply Unit)		
Model		PSU-C40R
Output Power Rating		40kW (Instantaneous Power)
Line Nominal	Line Phase	1 ϕ (Single-Phase)
	Line Voltage	230V $\pm$ 10%
	Line Frequency	50/60Hz
	Input Power	2kW
Max. Output Voltage		DC380
Weight		80kg
Dimension (DxWxH)		430x420x430mm

Room layout



Flat Panel Detector

Crystal-clear imaging for accurate diagnosis



▪ 14 x 17 Wireless Flat Panel Detector

Amorphous Silicon type / Scintillator : CsI / Pixel Pitch : 150um

▪ 17 x 17 Wireless Flat Panel Detector

Amorphous Silicon type / Scintillator : CsI / Pixel Pitch : 139um

▪ 17 x 17 Wired Flat Panel Detector

Amorphous Silicon type / Scintillator : CsI / Pixel Pitch : 139um

User friendly software



Digital Radiography Software

The fastest pre processing & post processing

Control with various DR model(universal, full, mobile, table, stand type and etc..)

Various image handling(Rotation, Annotation, Masking, ROI)

DICOM 3.0 Compatible

EXS-Series

Reliable performance for consistent diagnostic results



Other optional items

[AEC ion chamber]



[DAP]



[OP Console stand]



A Leader in the field of **Best X-ray systems**

