

# FUJIFILM

Value from Innovation

## *FDR Smart X* SERIES

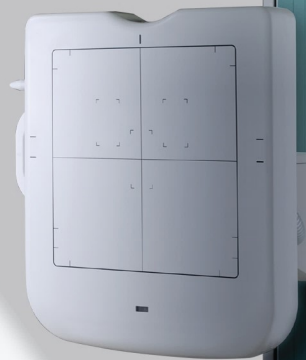
From very compact and economical,  
efficient and UPS operated,  
floor mount and ceiling suspended  
to very high-end fully digital  
with auto-tracking x-ray solutions



## *FDR Smart X* COMPACT SERIES

NEW

Machine foot print as low as 6ftx9ft



# Optional features

## Wall Bucky Stand Automatic Tilting

Automatic and manual tilting of the upright bucky stand is available\*.  
Providing an improved workflow for the radiographers and an improved experience to those patients in wheelchairs.

\*Different stand is lined-up for each

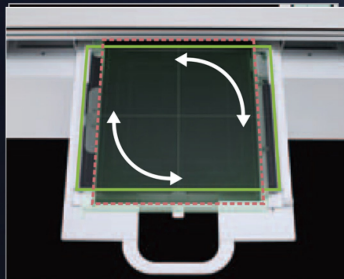
### Control Panel of Automatic Tilting Wall Stand

The ability to store preset positions and move the wall stand automatically to those positions provides a quick and efficient workflow.



Remote Control

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



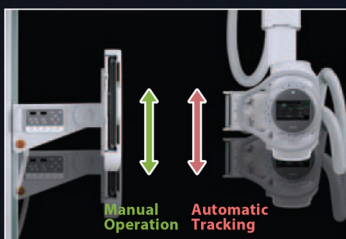
### Rotating Tray

Rotating tray is also available for table. Direction of the panel can be changed according to the patient position.



## Automatic Tracking

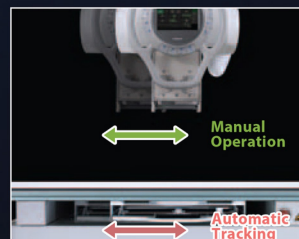
Tube head and bucky move synchronized with each other supporting positioning for exposure.



Motorized Vertical Synchronization with wall stand



Motorized Vertical Synchronization with table



The table bucky tracks after the horizontal movement of the tube head (same as floor mounted tube head)



The table bucky tracks after the rotating motion of the tube head (same as floor mounted tube head)



## Compact system configuration

# From equipment to image capture: All is Compact

### Space-saving rail

The tube stand moves smoothly along the rail attached to the patient table. The rail is right next to the patient table, so no extra space is required.



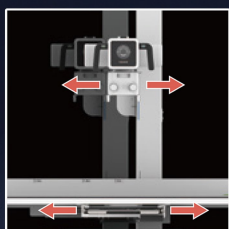
### Angle meter

The tube unit has an angle meter to help you easily determine the proper angle.



### Auto tracking

The cassette tray tracks the movement of the tube to help with determining positioning when capturing an image.



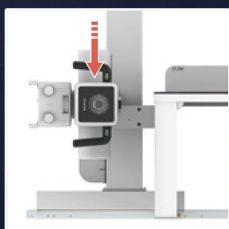
### LED light collimator

An LED light supplies light for the irradiation field lamp. The light is highly durable and brightly illuminates the exposure area.



### The X-ray tube can be moved to below the table (Option)

Equip the long rail to enable the X-ray tube to be moved below the patient table and shot lower limbs.



### New touch console (Option)

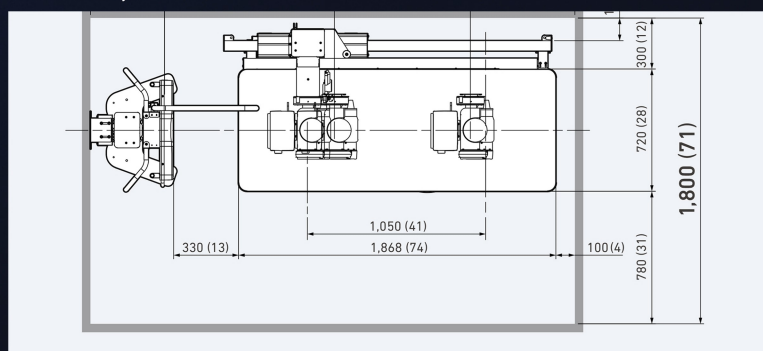
The new touch console has been introduced. The modern design of the Touch console with its simple layout of function buttons and dials provides improved workflow. When selected as an option it replaces the standard "Membrane console"



The high voltage generator is located under the patient table to reduce the installation space.



Minimum Room Layout Unit mm (in.)



### Customizable product design

A variety of features can be customized

#### Tube stand



TS-FT6

TS-FT4

#### Bucky stand



WBS

WBS-E

#### Patient table



PBT-E Acrylic

PBT-E



FDR Smart FGXR Series Specification

System Model	FGXR-E20S/ FGXR-EC20S	FGXR-E25S/ FGXR-EC25S	FGXR-E32S/ FGXR-EC32S	FGXR-32S/ FGXR-C32S/ FGXR-U32S)	FGXR-E40S/ FGXR-EC40S	FGXR-40S/ FGXR-C40S FGXR-U40S	FGXR-EC50S	FGXR-52S-3/ FGXR- C52S	FGXR-68S	FGXR-82S
Generator Model	FGXR-E20/ FGXR-EC20	FGXR-E25/ FGXR-EC25	FGXR-E32/ FGXR-EC32	GXR-32/ GXR-C32/ GXR U32	FGXR-E40/ FGXR-EC40	GXR-40/ GXR-C40/ GXR-U40	FGXR-EC50	GXR-52/ GXR-C52	GXR-68	GXR-82
Output Rating	20kW	25kW	32kW		40kW		50kW	52kW	68kW	82kW
Nominal Line Power, Phase	Exxs: 200 - 240V, 1Φ ECxxS:200 - 240V 1Φ, 3KVA			E32S: 230VAC, 1Φ ±10%; 400/480VAC, 3Φ ±10%; C32S: 220-230VAC, 1Φ, 3KVA U32S: 100-240VAC, 1Φ, 1KVA	200 - 240V, 1Φ EC40S: 3KVA	40S: 230VAC, 1Φ, ±10%; 400/480VAC, 3Φ, ±10%; C40S: 220-230VAC, 1Φ, 3KVA U40S: 100-240VAC, 1Φ, 1 KVA	200 - 240V 1Φ, 3KVA	52S: 400/480VAC, 3Φ, ±10%; C52S: 220-230VAC, 1Φ, 3KVA	400/480VAC, 3Φ, ±10%	
Line Frequency	50/60Hz ± 10%									
kV Range	40-125kV, 1 kV step			40-125kV, 1 kV step C32S: 40-125kV, 1 kV step U32S: 40-125kV, 1 kV step	40-125kV, 1 kV step	40-125kV, 1 kV step (150kV option) U40S/ C40S: 40-125kV, 1 kV step	40-125kV, 1 kV step	52S: 40-150kV, 1 kV step (150kV option) C52S: 40-125kV, 1 kv step	40-150kV, 1 kV step	
mA Range	10 - 250mA	10 to 320mA	10 to 400mA		10 to 500mA		10 to 640mA		10 to 800mA	10 to 1000mA
Timer Range	0.001 to 10 sec, 38 steps									
mA Range	Exxs: 0.1 - 320mAs (Optional 500mAs) ECxxS: 0.1-200mAs			0.1 to 500mAs	E40S: 0.1 - 320mAs (Optional 500mAs) EC40S: 0.1-200mAs	0.1 to 500mAs	0.1-200mAs	0.1 to 500mAs		
Max. Power Output	250mA@80kV 200mA@100kV 160mA@125kV	320mA@78kV 250mA@100kV 200mA@125kV	400mA@80kV 320mA@100kV 250mA@125kV	400mA@80kV 320mA@100kV 250mA@125kV	500mA@80kV 400mA@100kV 320mA@125kV	640mA@81kV 500mA@104kV 400mA@130kV 320mA@150kV (52S Only)	800mA@85 kV 640mA@106kV 500mA@136kV 400mA@150kV	1000mA@82 kV 800mA@102kV 640mA@128kV 500mA@150kV		

Capacitor Assisted Generator

Perfect for the medium sized X-ray department. No power supply modification necessary 40kW Single Phase Input power 3kVA

UPS Generator

Supplies power for 5 hours (or approximately 500 shots) without electricity. The ideal solution for regions with unstable power supply 40kW Single Phase Input power 1kVA

Line Powered Generator

We can adjust our generator to the workload required in a big hospital. 40kW/52kW/68kW/82kW Three phase. This is a high frequency X-ray generator

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