Flexible generator line up provides solutions for all environments

Medical Center

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

Capacitor Assisted Generator

Hospital

High frequency generator is available in 40, 52, 68 or 82kW with three-phase power connectivity.

Line Powered Generator

FDR Clinica X Specifications

	FDR Clinica FGXR series				
	FGXR-40S	FGXR-C40S	FGXR-52S	FGXR-68S	FGXR-82S
Generator Model	GXR-40	GXR-C40	GXR-52	GXR-68	GXR-82
Output Rating	40kW		52kW	68kW	82kW
Line Nominal, Phase	230VAC, 1Φ, ±10% 400/480VAC, 3Φ, ±10% (option)	110-120/ 220-230VAC, 1Φ, 3KVA	400/480VAC, 3Φ, ±10%	400/480VAC, 3Φ, ±10%	
Line Frequency	50/60Hz (Outside North America)				
kV Range	40~125kV, 1kV step (150kV option)		40~150kV, 1kV step	40~150kV, 1kV step	
mA Range	10 to 500mA		10 to 640mA	10 to 800mA	10 to 1000mA
Timer Range	0.001 to 10 sec, 38 steps				
mAs Range	0.1 to 500mAs				
Max. Power Output	500mA@80kV 400mA@100kV 320mA@125kV		640mA@81kV 500mA@104kV 400mA@130kV 320mA@150kV	800mA@85kV 640mA@106kV 500mA@136kV 400mA@150kV	1000mA@82kV 800mA@102kV 640mA@128kV 500mA@150kV

PC INTERFACE MODULE

Note: Floor stand systems available with following generator options only: 40S, C40S, 52S, 68S

"FDR Clinica X" is a combination product of "FDR Clinica FGXR series" and "DR-ID 600/DR-ID 1200".
"FDR Clinica FGXR series"is a Class 2 laser product (IEC60825-1).

FUJIFILM

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FDR Clinica X OTC DOC-0049863-B

FUJIFILM
Value from Innovation

FDR Clinica X

DIGITAL RADIOGRAPHY FAMILY

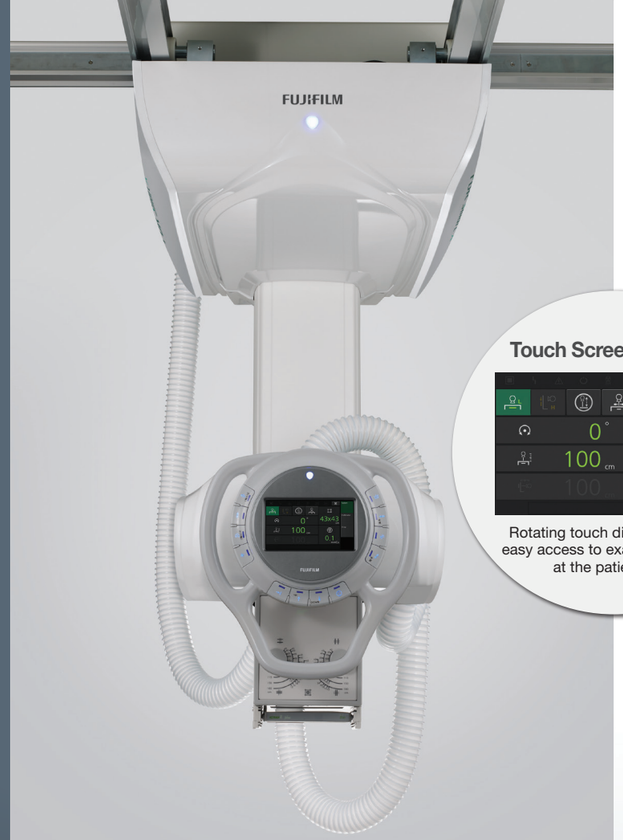
FDR Clinica X

FDR Clinica X is a scalable digital x-ray suite for hospital radiology and outpatient imaging departments of all sizes--providing affordability and versatility without compromise.

Step up your imaging to deliver Fujifilm's innovative image processing and high sensitivity image acquisition technologies to your patient exams.

FDR Clinica X is scalable to meet any department's budgetary and workflow requirements. The system and its generator controls are fully integrated with Fujifilm's FDX Console PLUS technologist workstation and lightweight, durable and dose efficient FDR D-EVO II, III and FDR ES detectors.

Configurations—full radiographic suite standard systems include generator and ceiling or floor mounted tube, chest stand and table. Chest stand only and table only configurations are available as well. Choices of options include generator sizes and main power compatibility, single hand operation or rotating bucky tray(s), built in detector connections, auto or manual collimation, auto or manual tube height tracking and automated long length stitching. Vertical Auto-Tracking (optional): provides synchronized motorized movement of the tube crane's vertical axis to maintain precise centering between the x-ray tube and imaging detector of the table or chest stand, simplifying positioning and eliminating workflow steps.



Touch Screen Console

Rotating touch display provides easy access to exam adjustments at the patient side.

Clean, ergonomic design provides easy workflow and positioning. System features Fujifilm's SpeedLink, 2-way dose communication which intelligently automates preferred techniques and to optimize dose saving characteristics of our latest detector technologies to the exam selected.

Simplify technologist workflow with touch display at the tube and ergonomic single grip all-free release handles on the overhead system and easy to reach single button release on the premium floor mounted system, allow fast and precise tube articulation.

System configuration with touch display and tilting chest stand allow advanced functions such as auto collimation and auto tube height tracking.

Ceiling Suspended Tube Stand System Configuration

With easy articulation and rotating display, the tube extends as much as 63 in. from ceiling. Optional automated tube height tracking, collimation and centering with the height of the upright or table, eliminates workflow steps to speed exams. Allows the technologist to focus on the patient.

Floor Stand System

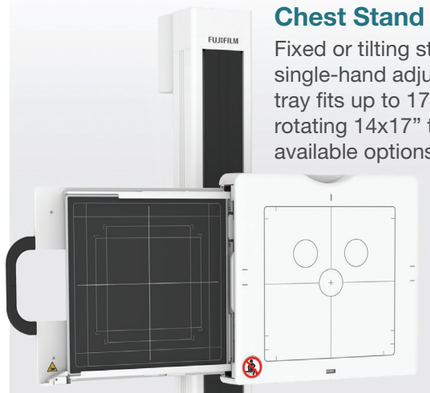
Full featured solutions for tight spaces, lower room preparation costs and limited buiulding power requirements.

Premium FS System

- Smart touch display
- Tilting chest stand
- Auto collimation
- Auto tube height tracking

Manual FS System

- Standard tube (no touch display)
- Non-Tilting chest stand
- Manual collimation



Chest Stand

Fixed or tilting stand and single-hand adjustable tray fits up to 17x17" or rotating 14x17" tray available options.

Fixed stroke: 16.5 - 81" floor to center.
Tilting: 16 - 78" & 17 - 77" at 90 deg.

Elevating Table with 4-way float top

Adjustable height simplifies patient comfort with low comfortable access on and off of the table.

Multi function stand and table supporting efficient workflow

Chest Stand with Automatic Tilting

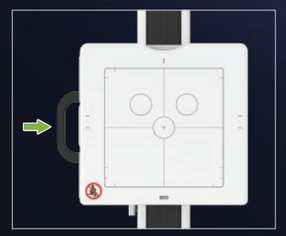
Automatic and manual tilting upright bucky stands are optionally available. Simplifying positioning for technologists and improving exam comfort for seated patients or patients in wheelchairs.

Note: Tilting chest stand (and tube head touch display) is required for Auto Collimation and Auto Tube tracking functions.

Automatic Tilting Upright Stand Controls

User friendly controls at the stand for fast and efficient workflow.

- Adjust Tube Synchronization
- Motorized Collimation & Light Control
- Motorized Tilting Movement
- Motorized Vertical Movement

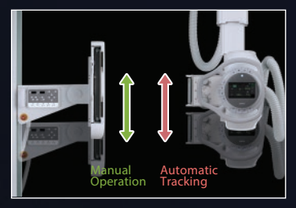


Removable G rid

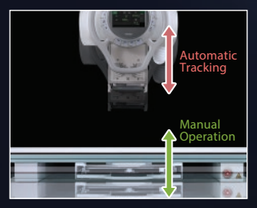
User removable grids in both the table and chest stand, allow flexibility and use with Pediatrics.

Automatic Tracking (optional) and Automatic Long Length Stitching (optional)

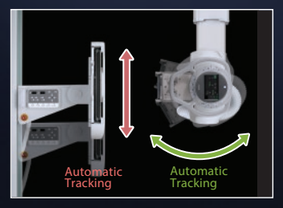
Synchronized Auto Tracking of the tube height to upright and table detector. Tube head and bucky move in synch with each other simplifying positioning for exposure and speeding exam time.



Motorized Vertical Synchronization with wall stand



Motorized Vertical Synchronization with table, maintains constant SID



Auto Stitching (option), the chest bucky tracks with the rotating motion of the tube head.

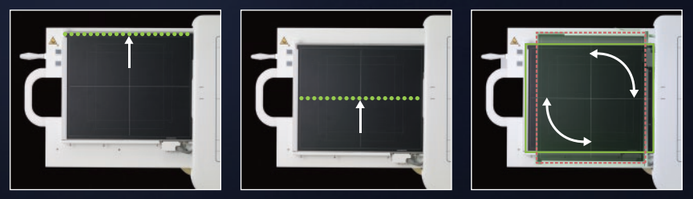
Note: Auto Long Length Stitching (option) only available with Overhead Tube System (not available floor stand configurations) and only available with tilting chest stand.

Elevating Patient Table

Motorized elevating, 4-way floating top table with a heavy duty weight limit of 661 lbs. (300 kg) 86.6(W)x31.9(L)x1.8(H) inch top with flat edges, +/-20˝ Longitudinal & +/-5˝ Lateral travel. -22-33˝

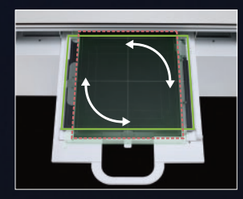
Dual Reference Rotation

Top or Center reference and portrait or landscape orientation are selectable when using a 14x17˝ detector. 17x17˝ tray also available, simplifies and speeds exam orientation without removing or handling the detector.



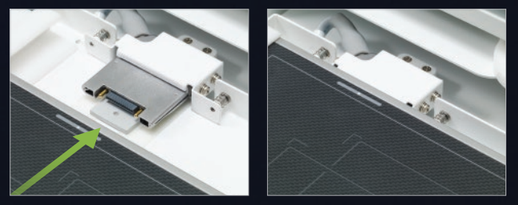
Rotating Tray

14x17˝ Rotating tray is also available for the table bucky.



Automatic Connec tion

Detector cable & connector are built in the tray, just set the detector and go, its automatically connected, maintaining charge for extended use without having to swap batteries and there are no cables to worry about.



Detector Fail Safe

Built-in fail safe switch detects if detector is inside the tray/bucky. When it is not detected or not inserted properly, x-ray exposure is disabled, to help prevent unintended exposure.

FDX Console PLUS with integrated generator control, optimizes workflow and simplifies image quality

Integrated Console

Simplifies and speeds workflow

Patient, exam, detector(s) and x-ray controls, are all integrated into the single easy-to-use technologist workstation and display.

Technique select buttons

*From Console

*From X-ray operation

Connected detector(s) are displayed at the FDX Console. By simply selecting chest, table or free; exams can be changed on demand and they are automatically synchronized with the FDX Console.

Status display for DR detector

DR detector status indicators display wireless connection strength, battery charge level, and more.

Compatible with Fujifilm DR & CR capture

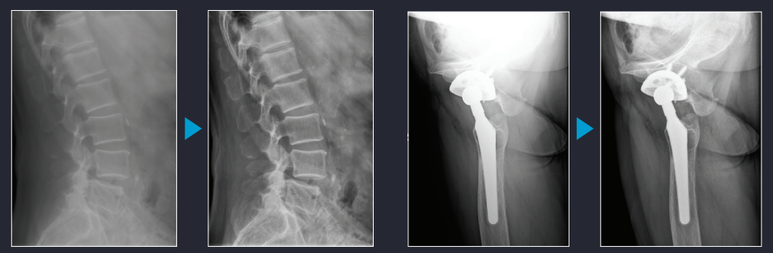
Both DR detector(s) and CR cassette(s) can be used in the same system, at the same time, and the workflow is the same.

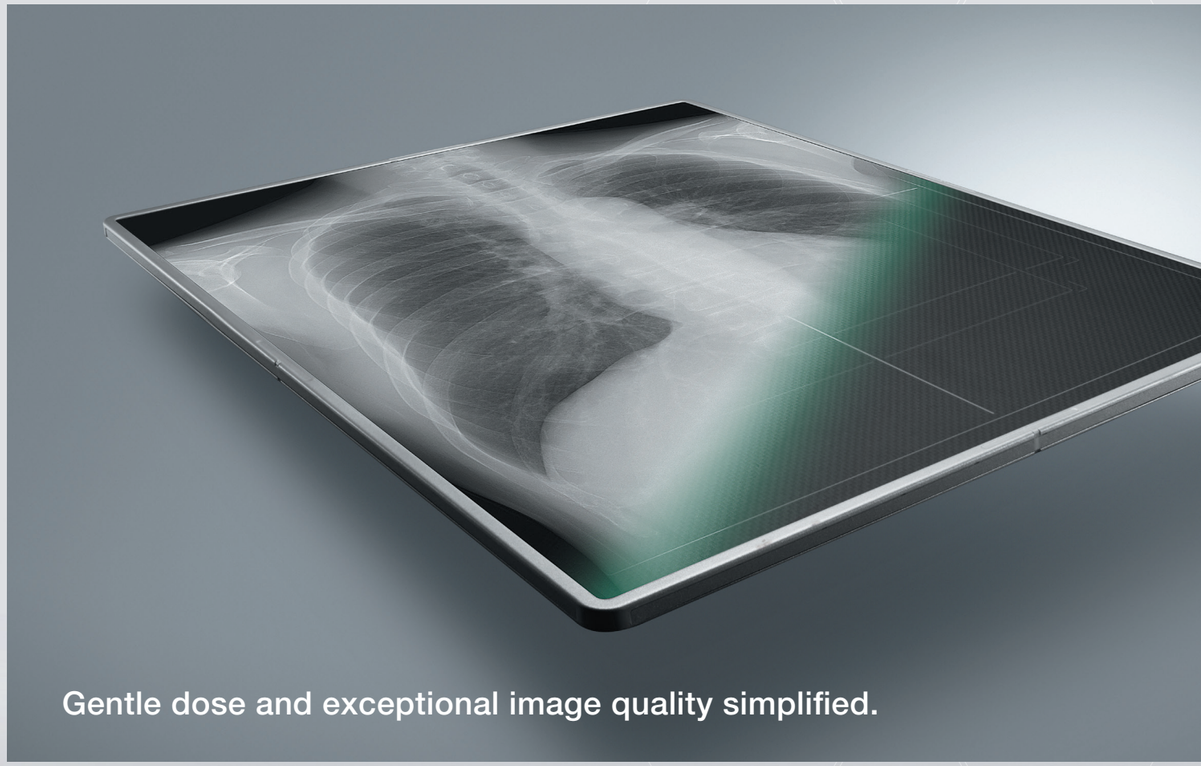
Dynamic Visualization II

Dynamic Visualization II

Advanced algorithms optimize contrast and density based on anatomic, hardware and thickness characteristics, resulting in outstanding detail and greater window and leveling capability in PACS.

Intelligent feature recognition technology optimizes image quality



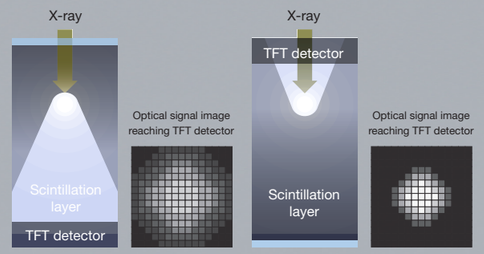


FDR D-EVO II, III and FDR ES detectors

Cutting-edge dose performance and image quality are provided through Fujifilm's innovative high sensitivity ISS, NRC and Glass-free capture technologies combined with advanced image processing to empower you to deliver smarter imaging for your patients and staff.

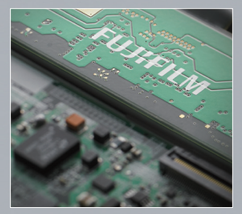
Patented ISS capture technology promotes high sensitivity

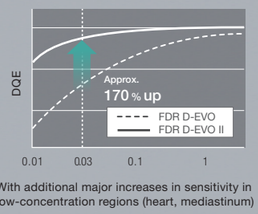
Fujifilm's proprietary irradiated Side Sampling (ISS) technology, positions its capture electronics (TFTs) at the irradiation side, in contrast to traditional detectors. This design significantly suppresses scattering and attenuation of x-ray signals, improving efficiency to produce sharper images at lower doses compared to traditional designs.



Fujifilm noise reduction circuitry improves detector sensitivity in high absorption regions

A unique Fujifilm innovation maximizes image quality in high absorption or low penetration areas. This enhancement achieves 1.7 times the DQE of previous models with a 0.03 mR dose. In particular, granularity of low-concentration regions such as the heart and mediastinum is dramatically improved.





With additional major increases in sensitivity in low-concentration regions (heart, mediastinum)