

D-EVO Suite FSx

Integrated Digital Radiographic Floor Stand Solution



Introducing

D-EVO Suite FSx

Integrated Digital Radiographic Floor Stand Solution with unlimited possibilities

Fujifilm Medical Systems U.S.A., Inc. is pleased to introduce our latest generation floor mounted digital x-ray room.

D-EVO Suite FSx provides a robust design with features to maximize patient safety, positioning and radiographic exam outcomes. Built to last and perform for imaging centers, orthopedic facilities, urgent care clinics and hospital radiology departments of every volume. The system is fully integrated with Fujifilm's latest FDX Console technologist workstation and lightweight wireless detectors. D-EVO Suite FSx is a fully scalable solution, customizable to meet your budgetary and workflow requirements.

Configurations – full radiographic suite standard system includes generator and floor mounted tube, chest stand and table. Chest stand only, table only and tube stand only configurations are available as well. Other choices include various generator sizes, single hand operation or manual bucky tray, auto or manual collimation.

Vertical Auto-Tracking (optional): Synchronized motorized movement of the tube crane's vertical

axis maintains precise centering between the x-ray tube and imaging detector.

- Vertical tracking maintains precise SID to wall stand and table height
- Simplifies positioning and eliminates workflow steps.

System features Fujifilm's SpeedLink control software which intelligently automates preferred techniques, collimation field size and built-in filters to optimize dose saving characteristics of our latest DR detector technologies to exam selected.

SpeedLink is not available with manual tube and/or manual collimator options.

Increase patient satisfaction with low comfortable access to and from the x-ray table during exams. Optimize technologist performance with ergonomic features such as single grip all-free release handle for XYZ tube head movements and a unique swivel grip handle for vertical travel of the chest stand that comfortably angles with your wrist as you raise and lower the bucky.





Wall stand features

- Space-saving non-tilting wall stand
- Built-in stationary grid – 103-line/cm, 10:1, 40-72" FD
- Overhead and side patient hand grips simplify comfort and positioning
- Swivel vertical height control handle angles to flex with technologist wrist as bucky is raised or lowered
- Detector Compatibility – chest and table bucky trays and automated features integrate seamlessly with standard sizes and with Fujifilm's full field sized 17x17" D-EVO detectors (can also be used with CR)
- Rotating non-charging bucky tray (optional)

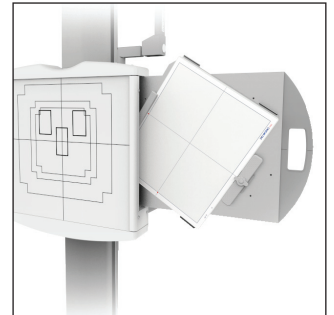
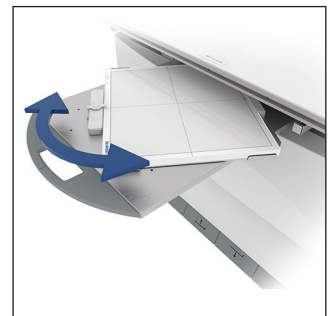


Table features

- Motorized elevating table with 4-way floating top built-in stationary grid 103-line/cm, 10:1, 34-44" FD
- Safety toe-switches four-way float and vertical controls. Table edge mounted control handle also included standard
- Heavy duty 800 lb weight capacity built to last
- Large patient area 36" x 85" flat tabletop
- Low 22" minimum height for easier patient access
- Smooth, edge-free tabletop provides fast, easy patient transfer from trauma use
- Rotating non-charging bucky tray (optional)



System power features

- Automatic or manual collimation provide options for all budgets
- Collimators features LED illumination and laser centering
- SpeedLink – two-way communication between FDX Console and generator, maps techniques and collimation field to exam menus and receives exposure data from generator



- Generator – 50kw, 630 mA high frequency CPI generator; 3-phase, 230vAc or 80kw, 1000 mA high frequency CPI generator; 3-phase, 480vAc or 80kW (480VAC, 3-phase) falling load output with 3-point control console. High power design provides penetration for larger patients and anatomy with shorter exposure times for even sharper images
- Generator console – Touchscreen control console (optional)
- 600kHU x-ray tube with 0.6 / 1.0mm focal spot
- Automatically selected additional copper filtration built-in collimator unit
- Optional DAP meter
- Single phase energy storage unit generator. 55kW (230VAC single phase) offers flexibility to install in locations where 3 phase power is not available.

FDX Console with Dynamic Visualization



Our latest technologist workstation and digital image processing with simplified and customizable user interface allows exams to be completed in as few as 2 or 3 mouse clicks. Featuring a large touchscreen display and available secondary 2 megapixel display (option) provides immediate image previews, image manipulation, and secure reliable network connectivity. Also features SpeedLink control which automates technique and collimation field mapping (automatic collimator required) to exam menus to simplify adherence to site preferences and optimal dose lowering techniques. IHE EI/DI exposure and deviation index and retake analysis functionality also included; along with IHE RDSR radiation dose structured reporting compatibility.



Fujifilm DR Detectors

FDR D-EVO II, FDR D-EVO III and FDR ES (wireless) – system is designed for integration with any of our lightweight, durable DR detectors available in all the right sizes and types. Standard 14x17 sizes are a natural fit for typical bedside exams, the latest 24x30cm is especially useful for ER, OR, NICU and wheelchair exams, and the 17x17 full field size is cost effective for sharing between the chest stand and with occasional larger anatomy portable exams.

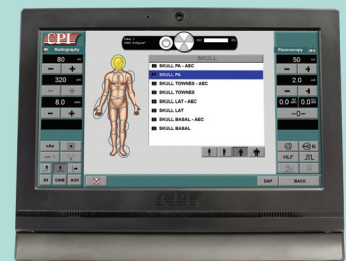
All models feature Fujifilm's Patented ISS for low dose, low noise and high image quality.

Options

- Complete radiographic suite, wall stand only, table only and tube stand only configurations
- 50 or 80kW generator
- Automatic collimator
- Automatic motorized tube height tracking to table and chest stand detector height
- Right or left opening non-tilting and tilting wall stand
- Single-Phase (upgrade option) 55kW Energy Storage Unit (ESU) generator 230V
- Touchscreen 1-, 2- or 3-point control console
- DAP meter
- Table top detector holder for cross table exams
- Single or multiple flat panel detector workflow configurations



Standard console



Optional touchscreen console



Product Highlights

X-ray tube column features

- Floor-mounted tube column on an independent floor rail
- Standard 10' rail or 12' length optionally available for extended room layout flexibility
- Column and tube head rotation allows flexibility for easy cross table exams
- Telescoping tube arm accommodates off center exams
- Convenient, one-hand all-free XYZ tube head and column travel control
- Adjustable wall stand detent positions for simplified 40 and 72" SID locations



Touchscreen Tube Head Display Functions:

- Large 10.4" patient side touchscreen controls
- Display control screen rotates 90° for table and upright exams.
- Continuous real time display of SID and tube angulation
- Generator setting controls
- Collimation size and filtration
- Directional lock/release buttons
- All-lock release sensor
- System status indication
- AEC controls
- Compact handle design

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