

FDR XAIR®

Portable X-ray Unit



FDR XAIR®

A lightweight, portable X-ray device that meets Home Healthcare

- Compact and lightweight
- Greater freedom in x-ray imaging
- Built-in lithium-ion battery
- Incorporates AI technology



LIGHT & COMPACT

Can be used in a variety of medical treatment settings*



At patients' homes or in elderly care facilities



At emergency or natural disaster sites



For combined use at clinics



Excellent portability, enabling use in patients' homes

FDR Xair® weighs 3.5 kg. Its portable design means that it can easily be carried into patient's homes and other places where space is limited, ensuring quicker imaging.



Approximately 3.5 kg

The hand switch fits neatly into the body when not in use

The hand switch can be attached to the side of the main unit. This makes carrying easier and reduces the risk of dropping the hand switch behind.



*Please confirm the local regulation regarding the usage environment.

USEFUL FUNCTIONS

Can take images in places where there is no electricity

An ultra-lightweight Lithium polymer battery provides up to 100 exposures* on a full charge in environments without adequate electricity supply.



*The number of shots depends on the exposure conditions.

Highly durable LED light source

LEDs are used for the irradiation field illumination lamp and the display. LEDs are long lasting and make the control screen easy to read.

Easy-maintenance design

The flat surface design promotes easy cleaning and improved infection control.

User-friendly button layout

Buttons located on both sides allowing easy setting of parameters.



Lightweight and easy to mount on its support stand

The **FDR Xair**® lightness and high usability make mounting it on its support stand quick and simple.

Supporting stands (select from those shown below)



Holding device XD2000 ST-M



Holding device XD2000 ST-S



Holding device XD2000 ST

Specifications:

- Product Name: Portable X-ray Unit FDR Xair
- External dimensions: 301(W)x257(D)x144(H)mm
- Weight: Approx. 3.5kg (including battery)
- Power supply: 100-240V

Standard configuration:

- X-ray generator
- Supporting stand
- AC adapter
- Shoulder strap
- Tape measure



A button layout that groups the necessary functions together

HIGH QUALITY IMAGES

Related products

Use with FUJIFILM's high sensitivity digital Radiography imaging system for High Resolution images at low dose

Using the **FDR D-EVO III**® with the Console Advance image-processing unit enables low-dose, high-resolution imaging. This system offers even higher clarity images thanks to Virtual Grid® and Dynamic Visualization II® Image processing.



FDR D-EVO III G35
[14 x 17-inch model]



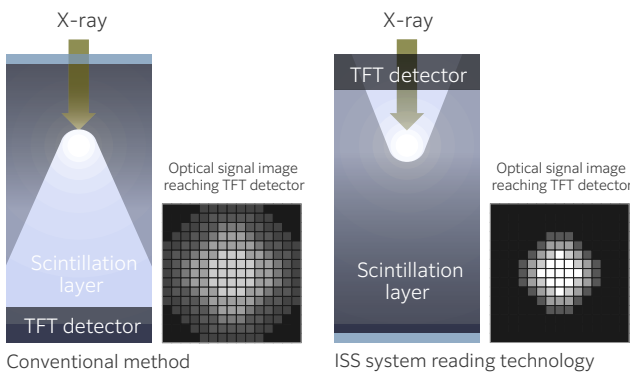
Check the images as they are taken

FDR D-EVO II® DIGITAL RADIOGRAPHY

Higher sensitivity achieved by advanced reading technology "ISS system"

A combination of a columnar crystal CsI scintillator* with Fujifilm's "ISS system" enables the suppression of energy attenuation and light scattering unattainable with conventional methods, and achieves higher resolution imaging at low X-ray doses.

*CsI series



Fujifilm noise reduction circuit improves sensitivity in high absorption regions

Our proprietary noise-reduction circuit enables the noise reduction of the image, improves the granularity of low-density regions, and achieves high image quality.



Virtual Grid® IMAGE PROCESSING TECHNOLOGY

Provides a high-contrast image without using a grid

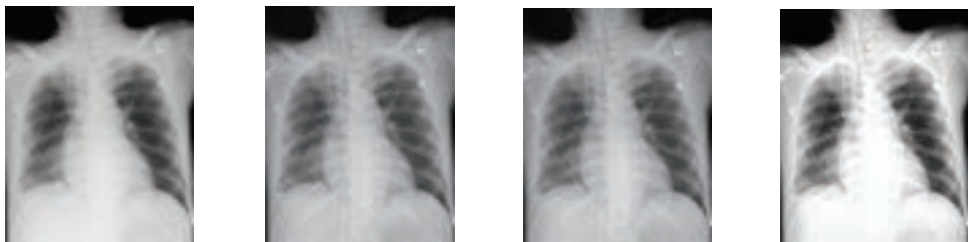
Virtual Grid® is an image processing software that corrects for the effects of scatter radiation that otherwise reduce image contrast and clarity. Without the need for an anti-scatter grid, this software quickly creates high quality images.



No Grid

Virtual Grid

You can choose the optimum grid ratio for your examination needs



1:1

6:1

8:1

20:1

It does not guarantee an equivalent effect to the actual grid.



Dynamic Visualization II® IMAGE PROCESSING TECHNOLOGY

Provides a high-contrast image without using a grid

Advanced recognition algorithms automatically adjust contrast, density and dynamic range for individual body parts based on calculation of estimated 3D image data. (Option)



Conventional Processing

Dynamic Visualization II

Conventional Processing

Dynamic Visualization II