

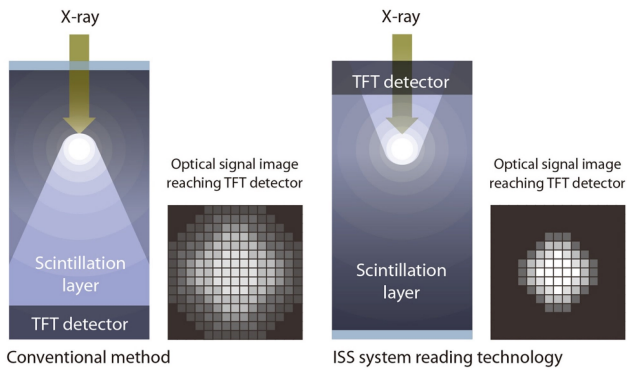


Special Edition of FDR series

FDR SE Lite Series
G35 | G43 | C35 | C43

Simplicity and Efficiency in X-ray imaging

An outstanding technology



Equipped with Irradiated Side Sampling (ISS) technology, which positions its capture electronics (TFTs) at the irradiation side, in contrast to traditional detectors.



Speedy display of images greatly shortening examination time

Digital radiography requires no steps for imaging and provides imaging results instantly. The efficiency in exam cycle improves clinical outcomes such as shortened exam times and enhanced patient comfort.

CR



Exposure



Cassette Retrieval



Cassette Handling

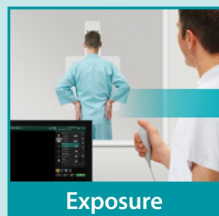


IP Reading



Preview on Console

FDR



Exposure



Preview on Console

- ▶ Instant Image Transfer
- ▶ Quick image check
- ▶ Simple workflow

17×17 cassette removes unnecessary cassette handling

17×17



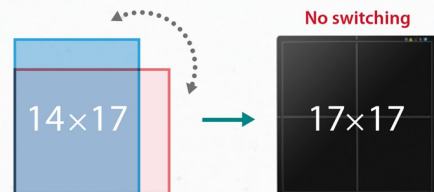
G43 (GOS detectors)



C43 (CsI detectors)

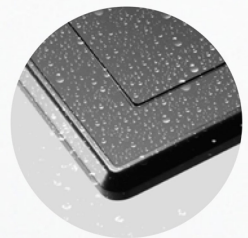
The 17×17 square shaped cassette allows improved workflow by removing the requirement of switching the cassette horizontally or vertically during the examination.

14×17



IPX4 waterproofing

Structured to prevent the infiltration of liquids, the device conforms to IPX4 and easy-to-clean flat shape. There is no need to worry that fluids such as blood or vomit could enter the device.



Dynamic
Visualization II

Conventional processing



Dynamic Visualization



FDR SE CONSOLE



Compatible with FDR SE Lite Series*

Optimized X-ray image with advanced image processing technology

Simpler, more efficient with improved workflow for the radiographer, our advanced image processing provides high quality image with reduced impact for the patients.

* FDR SE Console (Model name: DR-ID 330CL) is not included in the component of FDR SE Lite Series.



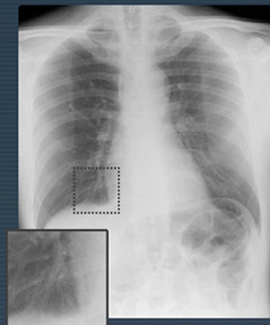
FDR SE Lite Series

High resolution images with reduced radiation: The future of X-ray image processing

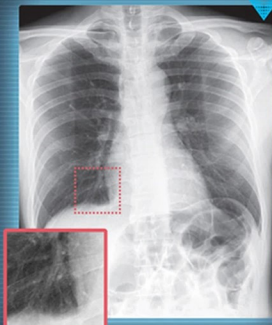


Virtual Grid is an image processing software that corrects for the effects of scatter radiation that otherwise reduce image contrast and clarity. Without the need for an anti-scatter grid, this software quickly and precisely predicts and then corrects for the effects of scattered radiation... creating high quality images. Virtual Grid can not only be used in situations where anti-scatter grid use is inconvenient, but users can also reduce the radiation dose to which patients are exposed because of high image quality at low dose conditions*.

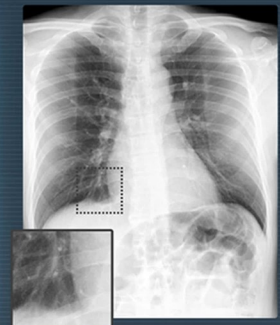
* In CD-RAD phantom evaluations performed by FUJIFILM, when compared with images acquired with an 8:1 grid, comparable non-grid images processed with Virtual Grid software yielded a 50% reduction in dose.



No Grid
50% dose reduction compared to a real grid.



Virtual Grid
50% dose reduction compared to a real grid.



Real Grid

Product name	FDR SE Lite G35	FDR SE Lite C35	FDR SE Lite G43	FDR SE Lite C43
Model name	Mars1417XF-GSI	Mars1417XF-CSI	Mars1717XF-GSI	Mars1717XF-CSI
Scintillator	GOS (Gadolinium oxysulfide)	CsI (Cesium Iodide)	GOS (Gadolinium oxysulfide)	CsI (Cesium Iodide)
Detector size	460 × 384 × 15mm (Approx.)	460 × 384 × 15mm (Approx.)	460 × 460 × 15mm (Approx.)	460 × 460 × 15mm (Approx.)
Weight	Approx. 3.0kg (including battery)	Approx. 3.0kg (including battery)	Approx. 4.0kg (including battery)	Approx. 4.0kg (including battery)

Battery charger, 2 batteries are included in the standard package.

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