

FUJIFILM
Value from Innovation

FDR nano

Compact digital X-ray cart system



The *A*mazing nano.

FUJIFILM provides a new solution with compact digital X-ray cart system for critical moments you face everyday.

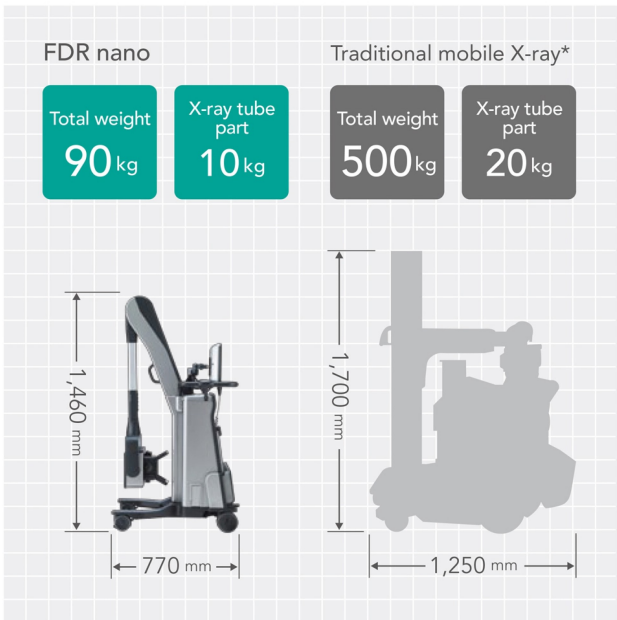


Amazing Movement

Providing easy handling in any radiography situation

Significantly downsized body allows you to go anywhere

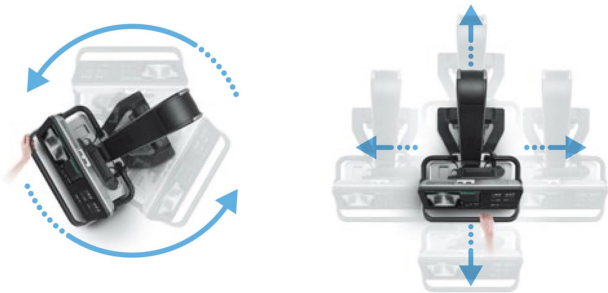
Total weight reduction of approx. 90 kg, i.e. approx. 80 % reduction, is achieved compared to traditional mobile X-ray*. It also offers a significant reduction in terms of the external dimensions, enabling smooth movement in the hospital and at the bedside.



*The weights of conventional mobile digital X-ray machines are estimated at 400 kg to 600 kg.

Free spin and slide movement

The extremely lightweight body with four wheel caster can slide in any direction and spin at one point. The synergistic effect of the lightweight, compact body enables easy handling, even with one hand.



Flexible operation panel

Enables free adjustments of rotating, tilting and height adjustment while viewing the display.



Instant image confirmation after radiography

Amazing Solution

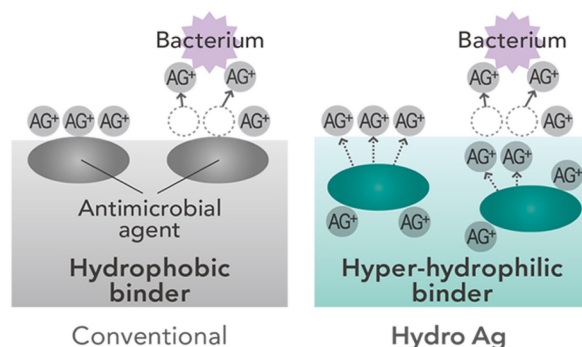
Trinity system to promote mobile imaging efficiency

Our ability to capture sharper images at a lower dose, which we have enhanced over the course of many years as a cassette DR manufacturer, brings out the best of the "High sensitivity system." By integrating Fujifilm's proprietary image processing technologies, the lightweight, compact imaging system can demonstrate easy-to-read images smoothly.

Intuitive arm handling

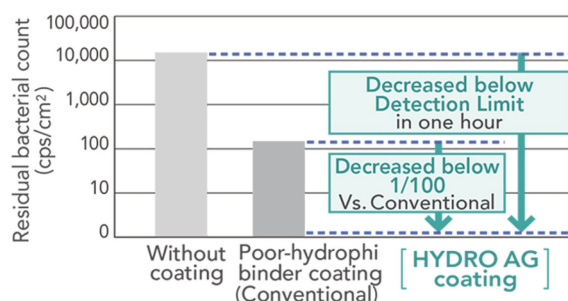
The downsizing of the X-ray tube enables the arm to be moved freely, even in one-handed handle operation, and allows smooth positioning for radiography.

The swivel mechanism enables fine-tuning of the radiation field ($\pm 15^\circ$).



JIS Z 2801/ISO 22196 complied test (Esherichia coil)

Number of residual bacterial after one hour



Tested by BOKEN Quality Evaluation Institute
Report ID: 20214016660-1(Jul 11,2014)

Image Processing Technology

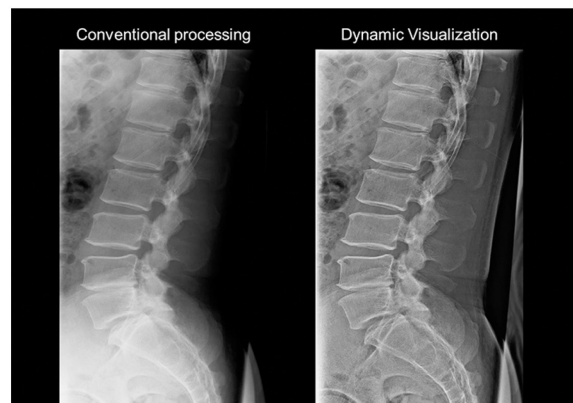
Dynamic Visualization II



Dynamic Visualization II

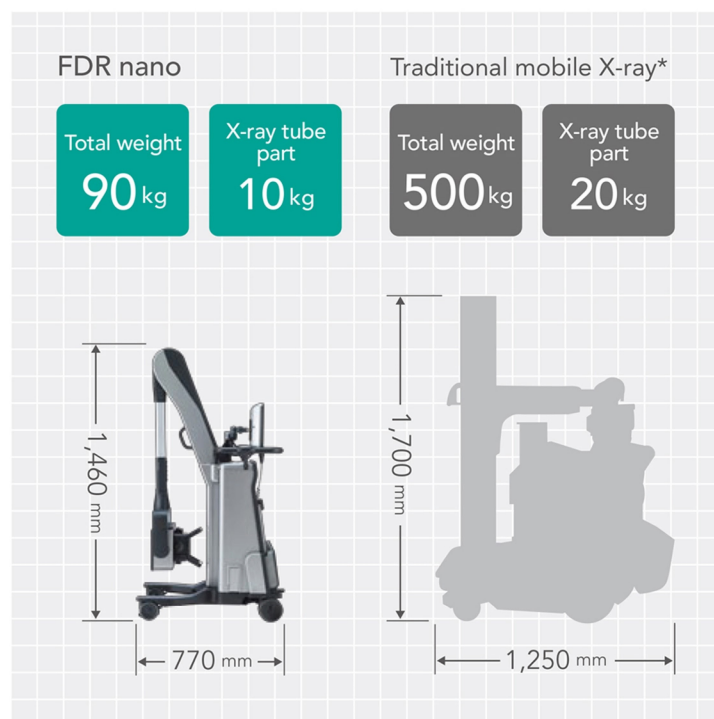
Based on the converted three-dimensional information, Dynamic Visualization II recognizes different thicknesses of body parts and structures to optimize contrast and density.

* Optional



Specification

Product name	FDR nano
Model No.	DR-XD1000
Power supply	100-240 V AC, Single phase: 50-60 Hz 8-3.3 A
X-ray output	Max. rating: 2.5 kW Tube voltage: 40-100 kV Tube current: Max 35 mA
X-ray tube	Nominal focal spot size: 1.2 mm maximum anode heat capacity: 35 kJ (50 kHU) Target angle: 16 degree
Total width	550 mm (excluding handle fix part)
Total length	770 mm
Total height	1,460 mm
Weight	90 kg



*The weights of conventional mobile digital X-ray machines are estimated at 400 kg to 600 kg.

FDR D-EVO II

In addition to the antibacterial coating of the panel surface with Hydro Ag, the series complies with the waterproofing standard IPX6*. It can dispel uneasiness regarding the possible entry of blood or vomit. Further, it has achieved load bearing of 310 kg.



FDR D-EVO II G35
[35 x 43 cm]



FDR D-EVO II G43
[43 x 43 cm]



FDR D-EVO II C35
[35 x 43 cm]



FDR D-EVO II C43
[43 x 43 cm]



FDR D-EVO II C24
[24 x 30 cm]

* Due to the characteristics of the product, the effect is not guaranteed in the future.

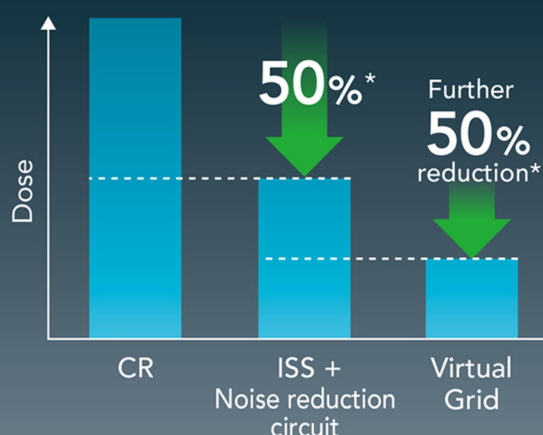


Virtual Grid

Image Processing Technology

Virtual Grid

- Demonstrates high-contrast images without a grid
- Improves image granularity in low-dose imaging



* By comparison with our conventional images



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