Image Viewer/Measurement Software

DynamIx™ VU

Software	DynamIx VU Console Acquires images from the image reader and adjusts image quality.	
	DynamIx VU Viewer Enables assessment of image quality and determination of defects by using various measurement tools.	
	DynamIx VU Server Stores data and enables data management.	
Client PC	CPU	Intel® Core™ i7 CPU at 2.6 GHz or greater
	OS	Windows® 7 Professional 64 bit Service Pack 1 English Windows® 10 Professional 64 bit Service Pack 1 English
Server PC	CPU	Intel® Xeon® E3-1225 at 3.10 GHz or greater
	OS	Windows® Server 2008 R2 Service Pack 1 English
Display	Standard viewer: 21.2 inch 3M high resolution color LCD monitor	
	Recommend model	EIZO® Radiforce RX340
	Resolution	1536×2048 pixels
	High grade viewer: 21.3 inch 5M high resolution monochrome LCD monitor	
	Recommend model	EIZO® Radiforce GX540
	Resolution	2048×2560 pixels

Computed Radiography

DynamIx™ HR²

IP Image Reader	DynamIx HR²
Reading pitch	25μm, 50μm, 100μm
Reading gray scale	14 bits/pixel
Dimensions (W×D×H)	600×660×490 mm (24×26×19 in.)
Weight	58 kg (127 lb)
Power supply	100-240 V AC, 50/60Hz, 400 VA or less
Operation condition	15˚C-30˚C, 15%-80%RH (No dew condensation)
IP tray	Hand-held type
Tools for using special cut IPs	Type S Custom order Type F Custom order

CLASS 1LASER PRODUCT

Digital Detector Array

DynamIx™ FXR

Product code	D-1611
Panel	amorphous silicon
Scintillator	Gd_2O_2S:Tb
Active area	409.6mm×409.6mm
Pixel matrix	4096×4096
Pixel pitch	100μm pixel pitch
Frame rate	3.75FPS
Energy duration	40KeV - 15MeV
Dynamic range	>84 dB
ADC	16bit
Data Interface	Fiber-optical interface
Size	672mm×599mm×44mm
Weight	25kg
Operating temperature	10℃~35℃
Storage temperature	-10℃~50℃
Humidity	30%~70%(RH),Non-condensing
Power supply	EPS power supply 215W
Dissipation	90W

http://www.fujifilm.com/products/ndt

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FUJIFILM
Value from Innovation

DynamIx™ VU

DynamIx™ HR²

NEW

DynamIx™ FXR

FUJIFILM DIGITAL RADIOGRAPHY

DynamIx™ SYSTEM

DynamIx VU / DynamIx HR² / DynamIx FXR

Innovative digital platform for universal Radiographic Testing

FUJIFILM DIGITAL RADIOGRAPHY

DynamIx™ SYSTEM

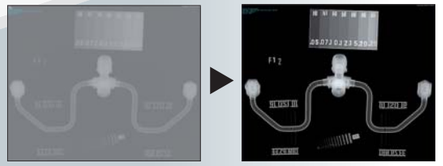
The FUJIFILM DynamIx Series of digital testing equipment now includes robust DDA capabilities.
DynamIx HR^2, powered by FUJIFILM high quality Imaging Plates and unique image processing technology, can be used in conjunction with DynamIx FXR to provide fast, efficient and flexible inspection options to support all Radiographic Testing applications.

Image Viewer/Measurement Software

DynamIx™ VU

New DynamIx VU image viewing software incorporates the highest level of image processing technology. It is designed to meet all Industry Standards on one common platform to support both CR and DDA modalities.
The tools, functionality and workflow of DynamIx VU is consistent throughout, and customers can use DDA seamlessly, without additional software training or workflow change.

Automatic optimization of image quality according to the object and free presetting of parameters available



Original (EDR OFF) **EDR ON**

Computed Radiography

DynamIx™ HR^2

The DynamIx HR^2 System provides a wide range of selectable scanning settings from 100µm down to 25µm. Coupled with high spatial resolution and excellent signal to noise ratio (SNR) the HR^2 system provides superb image quality with a wide dynamic range. Both standard Imaging Plates as well as customized special cut sizes can be provided to allow inspection of virtually any shape with a high degree of accuracy and ease of use.

25µm, 50µm, 100µm reading pitch

Special Cut Imaging Plate

Special Cut Imaging Plate Examples

FUJIFILM can design and supply customized shapes and sizes of Imaging Plates based on the inspection needs of each customer.

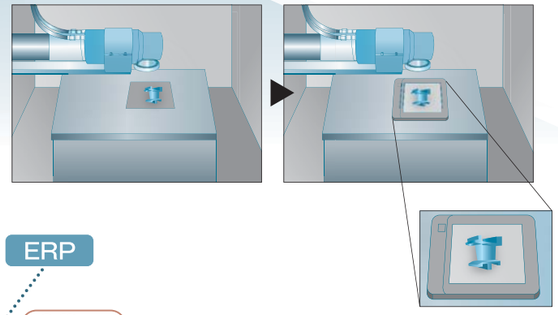
Digital Detector Array

DynamIx™ FXR

The DynamIx FXR System provides 100µm pixel pitch capable of energy levels up to 15 MeV and the large active area of 16" x 16". It improves productivity significantly for high volume inspections with exceptional image quality powered by FUJIFILM image processing technology.

16x16 inch | 100µm pixel pitch

Easy to install in an existing radiography cabinet or walk-in exposure room.



Suggested Usage

	DynamIx HR^2	DynamIx FXR
Main feature	• 25µm reading pitch • Special Cut Imaging Plate	• 100µm pixel pitch • 16x16 inch active area
Application	• Alternative to high resolution film • Complex shape inspection Alternative to cut, bent, and inserted film	• Alternative to high speed film • Alternative to mass inspection by putting many objects on the large size film

Single sotfware platform manages all of Radiographic Testing

DynamIx system workflow

The DynamIx system workflow offers.
- Ability to manage both CR and DDA modalities using a common platform
- Review and interpret CR and DDA images at remote locations
- Customization options to allow connection to ERP (Enterprise Resource Planning) to advance the workflow and data management