Single software platform manages all of Radiographic Testing

DynamIx system workflow

The DynamIx system workflow offers.

- Ability to manage both CR and DDA 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

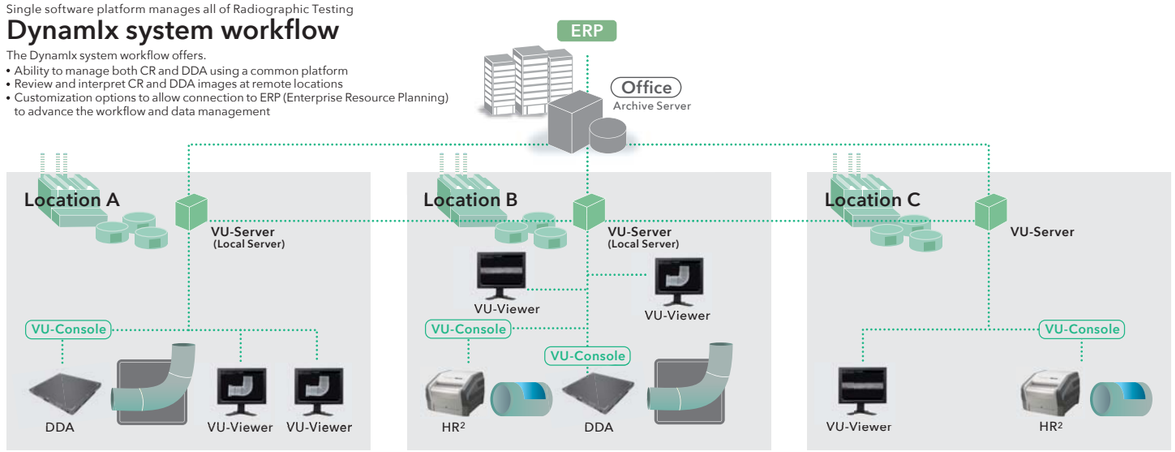

Image Viewer/Measurement Software

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® 10 Pro 64bit
Server PC	CPU	Intel® Xeon® E3-1225 at 3.10 GHz or greater
	OS	Microsoft® Windows Server® 2012 R2
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

Digital Detector Array

DYNAMIX™ FXR Pad

Product code	3025	4336
Panel Material	Amorphous silicon	Amorphous silicon
Scintillator	CsI	CsI
Active area	248.0 mm × 297.6 mm	350 mm × 426 mm
Pixel matrix	2508 × 3004	3524 × 4288
Pixel pitch	100µm	100µm
Frame rate	Wired connection: 3 fps (300 ms) Wireless connection: 0.5 fps (2000 ms)	Wired connection: 2 fps (500 ms) Wireless connection: 0.3 fps (3000 ms)
ADC	16bit	16bit
Wired I/F	GigE, trigger and power via docking connector	GigE, trigger and power via docking connector
Wireless I/F	802.11n Wi-Fi standard at 5 GHz	802.11n Wi-Fi standard at 5 GHz
Size	282 mm× 332 mm × 15.5 mm	384 mm× 460 mm× 15.5 mm
Weight	1.8kg	3.1kg
Humidity	20% to 80% operating	20% to 80% operating
Ingress Protection	IPX4 rated (protection against splashing water)	IPX4 rated (protection against splashing water)
Battery	Rechargeable battery, 11.1 V	Rechargeable battery, 11.1 V
Battery Charger	External two bay charger 100 - 240 V AC, 50/60 Hz	External two bay charger 100 - 240 V AC, 50/60 Hz
Interface and Power Unit	Optional IPU-2 external power supply 100 – 240 V AC 50/60 Hz GigE and X-ray I/F	Optional IPU-2 external power supply 100 – 240 V AC 50/60 Hz GigE and X-ray I/F
Panel Cover	Under development	Under development

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

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FUJIFILM
Value from Innovation

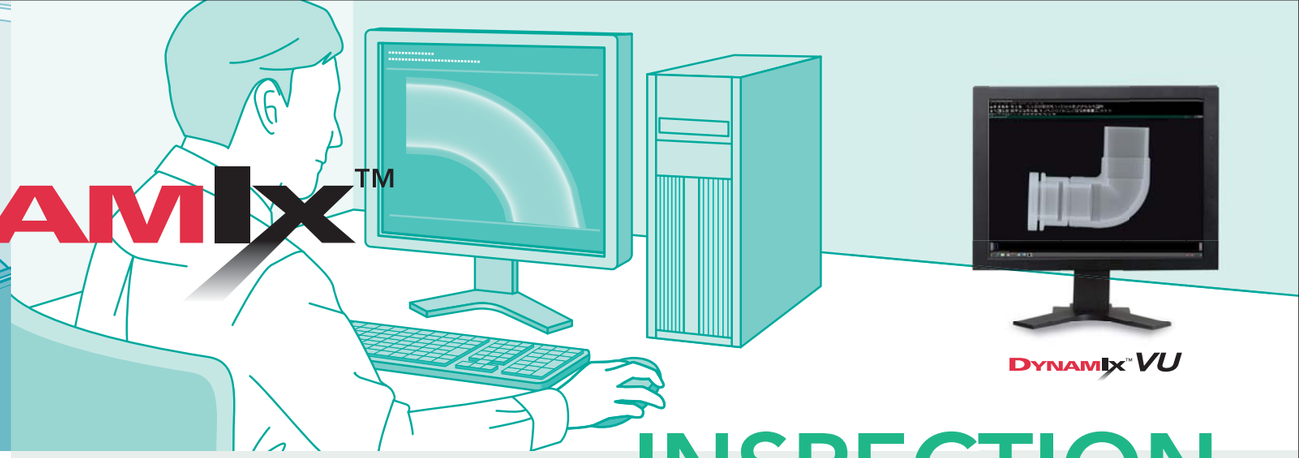
Portable and Easy to Use

New generation of portable DDA detectors with wireless option designed for field RT applications

3025 4336

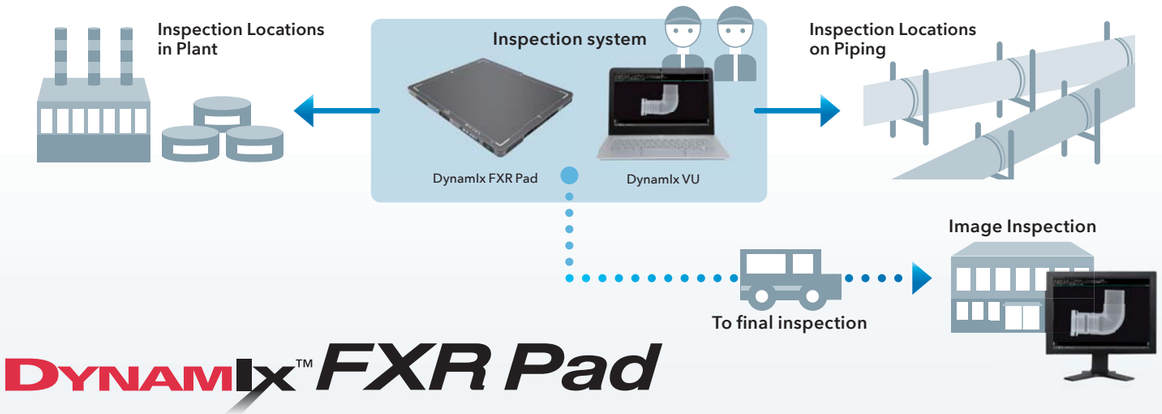
Digital Detector Array

DYNAMIX™ FXR Pad



FIELD WORK

The DynamIx FXR Pad detectors are capable of real-time imaging in field work applications. Immediate on-site image evaluation greatly improves inspection efficiency!



DynamIx™ FXR Pad

Capable of real-time imaging at any location with light weight and water resistance features.

Portable and Easy to Use

DynamIx FXR Pad, a portable light-weight detector, newly joined high resolution DDA system of FUJIFILM FXR family.
The robust and high water resistance feature enables inspection at any location.

Weight
1.8kg(3025) */ 3.1kg*(4336)
Easy to carry and operate by operator.

Load Tolerance *Distributed evenly over the detector
150kg/100kg

Pixel size
100μm

Water Tolerance
IPX4
Operates in rain or with other water splashing action from any direction.

Connection
Wireless & Wired

INSPECTION

The DynamIx VU software maximizes accurate inspections and measurements powered by FUJIFILM image processing and analysis technologies.

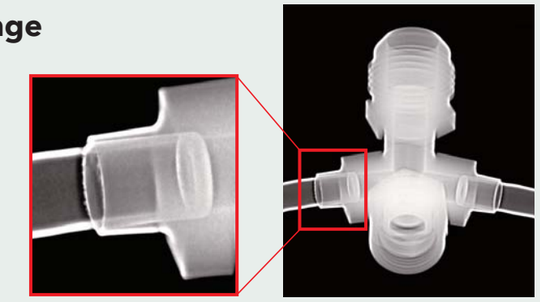
High Image Quality & Wide Dynamic Range

Unique image processing

Exposure Data Recognizer (EDR) optimizes image quality automatically based on preset geometry grids available. FUJIFILM Imaging Processing (FIP) filters can adjust various image parameters on the displayed image and can be incorporated into user menu that will apply the values at the end of the initial scan saving time and delivering an image ready for interpretation.

Wide dynamic range

Allows single exposures of parts with various thickness ranges.



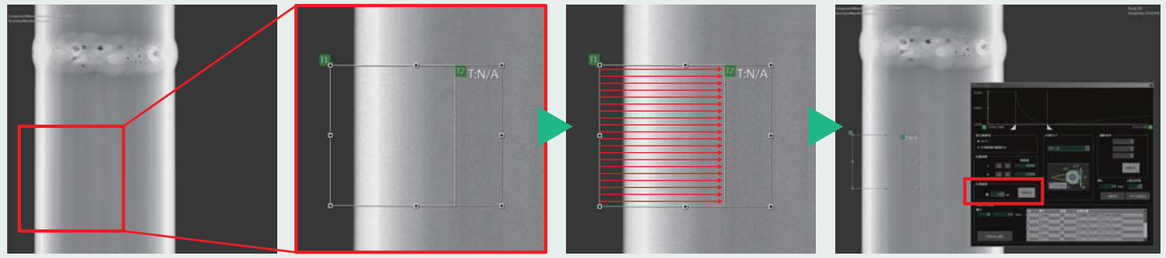
VU Wall Thickness

Fujifilm "batch measurement" wall thickness tool enables fast and accurate measurements combining multiple sample points allowing quick assessment of the minimum wall thickness over a wide area of the image.

STEP 1 Select the area to measure wall thickness.

STEP 2 Selected area of up to 20 points provides simultaneous measurement.

STEP 3 The minimum thickness can be recorded from the area measured.



VU Report

- Input information including exposure conditions, imaging parameters and multiple inspection results on detector console and viewer (workstation) will transfer and automatically populate the VU report.
- A report is created in Microsoft Word enabling user to customize content and file format.