DynamIx HR²

IP Image Reader	DynamIx HR²
Reading density	25 µm, 50 µm, 100 µm, 200 µm
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 1 LASER PRODUCT

DynamIx HR² 50 system

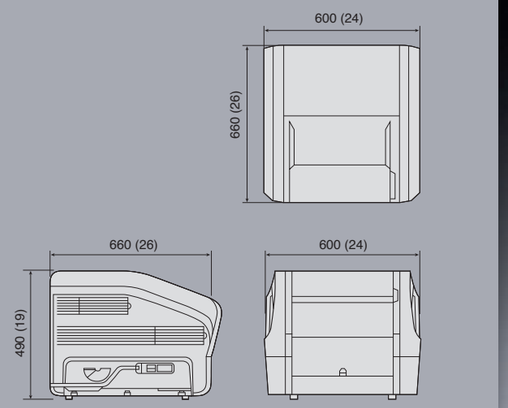
IP Image Reader	DynamIx HR²
Reading density	50 µm, 100 µm, 200 µm
Reading gray scale	14 bits/pixel
Dimensions (W × D × H)	600 × 660 × 490 mm (24 × 26 × 19 in.)
Weight	58 kg (127 lb)
Power supply	100-240 V AC, 50/60Hz, 400 VA or less
Operation condition	15˚C-30˚C, 15%-80%RH (No dew condensation)
IP tray	Hand-held type
Tools for using special cut IPs	Type S Custom order Type F Custom order

DynamIx HR² 50 system does not support 25 µm pitch reading

CLASS 1 LASER PRODUCT

Dimensions

Unit: mm (in.)



Imaging Plate

Fixed-size IP	ST-VI (Type CC Cassette)	35.4 × 43.0 cm (14 × 17 in.) 18 × 24 cm (7.1 × 9.4 in.) 24 × 30 cm (9.4 × 11.8 in.) 15 × 30 cm (5.9 × 11.8 in.)
	UR-1 (Type UR Cassette)	35.4 × 43.0 cm (14 × 17 in.) 18 × 24 cm (7.1 × 9.4 in.)
Strip-form IP	6 × 40 cm (2.4 × 15.7 in.) Note: Consult with our sales representative for other sizes.	
Long IP	7 × 152 cm (2.8 × 59.8 in.) Note: Consult with our sales representative for other sizes.	

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
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 GX530 Resolution 2048 × 2560 pixels

FUJIFILM
Value from Innovation

DynamIx™ HR² NEW

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

Windows and Windows 7 are registered trademarks of Microsoft Corporation.
Intel Xeon is a registered trademark of Intel Corporation. All other company, product or service names are trademarks or registered trademarks of their respective holders.

FUJIFILM
FUJIFILM Corporation

Ref. No. FXX-IB-DY1001E2 (SK·14·02·F1079·F9711) Printed in Japan ©2012 FUJIFILM Corporation

FUJIFILM COMPUTED RADIOGRAPHY
DynamIx™ SYSTEM

Quick to detect risks, and friendly to users — devotion to accurate NDT that supports industries

QUALITY IMAGE

The world's top class* high spatial and density resolution and Excellent signal to noise ratio (SNR) produce superb image quality

Fusion of Fujifilm's advanced technologies used in image reader, software and IP realizes images of the finest quality possible expected in digital imaging. *Researched by Fujifilm in November 2012
• DynamIx HR^2 50 system does not support 25 µm pitch reading

Unique image processing and wide dynamic range bringing high accuracy to every inspection

Excellent accuracy is the FCR standard with our automatic contrast optimization for each image and wide dynamic range which incorporates the trusted FCR technology.

NEW FEATURES

Ingenious new features to meet versatile needs of the NDT industry

IP insertion by hand

Information in the IPs can be read with no need of using a hard cassette.

The Special Cut IP System offering IPs tailored to test objects

Various IP shapes are available thanks to special tools developed to read special size and shape IPs making it possible to inspect objects of any shape with high accuracy.

DynamIx VU Thickness measurement— the automatic measurement tool making corrosion tests easier

The pipe wall thickness is automatically measured based on Fujifilm's precise image analysis technology to make an inspection more efficient and stable.

Computerized contrast/density normalization according to the ASTM standard

Automatically adjusts contrast and density of an image to allow defect comparison between production images and ASTM Digital Reference Radiographs.

Long IPs enabling efficient exposure of welded pipe joints

Reads up to 152 cm long IPs allowing efficient inspection of larger objects.

DICONDE compliant

Image Viewer/Measurement Software

DynamIx™ VU

IP Image Reader

DynamIx™ HR^2

EFFICIENT OPERATION

Density parameter presets for more efficient image adjustment

The user can customize and preset the automatic density adjustment parameter (Exposure Data Recognizer: EDR) suitable for the test object. Easy density adjustment is possible with just one-click.

Quick data search with preset conditions

Presets of frequently used search conditions can be created enabling one-click data retrieval.

More reliable assessment and greater traceability

Assessment of images is automated to reduce human labor and errors. The assessment history is recorded to enhance traceability.

One click between modes

Processes from image reading to inspection can be conducted on one PC with smooth transition between image reading and inspection windows.

USER FRIENDLINESS

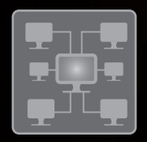
Simple work status management and data search with the entire test procedure visualized

The entire test process is managed on one main screen.
The data tree structure and work status are shown at a glance.

Easy to view images displayed on the ergonomic monitor

Features assisting inspectors such as larger icons with customizable tool bars, masking and viewer friendly displays make inspection easier.

NETWORK & SECURITY



Flexible network configuration and communication to create an optimum workflow environment

Centralized management of inspection data at multiple sites on a centralized server accessible via Intranet or Major ERP Applications.

Strengthened security with user authority control

User access rights to individual functions can be controlled. With user rights management, user functions are limited by authority and workspace is increased by the removal of unauthorized tools.