Specification

Radiation source

	X160	X225	X320
Energy	160 kV	225 kV	320 kV
Power	800 W, 1,800 W	800 W, 1,800 W	800 W, 1,800 W
Focal spot – EN 12543	0.4 mm, 1.0 mm	0.4 mm, 1.0 mm	0.4 mm, 1.0 mm
Tube filtration	0.8 mm Be	0.8 mm Be	4 mm Be
Cooling system	Water/glycol	Water/glycol	Oil
Duty cycle	100%	100%	100%

DDA

Detector type	DynamIx FXR 1611 / 1621 / 3025
Pixel size	100 or 200 µm
Active area	250 x 300 mm or 410 x 410 mm

Manipulator

Horizontal	X-axis	± 400 mm
Horizontal	Y-axis	± 400 mm
Vertical	Z-axis	± 500 mm
Rotation	W-axis	360°, endless
Tilt	U-axis	± 30°
Max. part weight/dimensions		50 kg / 600 x 750 mm

Cabinet

Internal dimensions (L x W x H)	1,500 x 1,500 x 1,900 mm
External dimensions (L x W x H)	2,067 x 1,870 x 2,332 mm
External radiation dose	< 1 µS/h
Window	RD50 / 200 x 200 mm
Weight	5,000 x 8,000 kg

Specifications are subject to change, other X-ray sources or dimensions on request.

FUJIFILM Europe GmbH
Balcke-Dürr-Allee 6
40882 Ratingen, Germany
Phone: +49 21 02 - 53 64 0
E-Mail: ipd_feg@fujifilm.com

www.fujifilm.com

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Automated Digital Radiography

DynamIx™ iXS

FUJIFILM DIGITAL RADIOGRAPHY
DynamIx™ SYSTEM

Quality assurance for your industry –

the iXS system gives you an in-depth insight into your products.

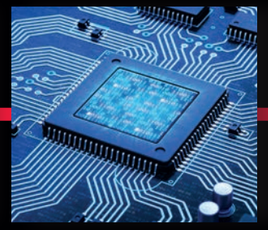
Broad range of applications

From the aircraft industry to automotive to additive manufacturing, the DynamIx iXS system can be deployed where details matter!

- Precise quality control – optimise your production results, avoid returns and effectively cut costs.
- In-depth material analysis – precisely analyse existing objects without destroying them.

Automotive

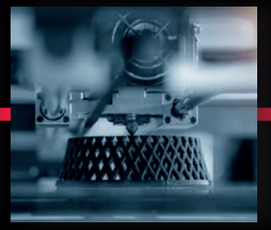
Aerospace



Chip Manufacturing

Heat Exchanger

E-Mobility



Additive Manufacturing

Outstanding image quality

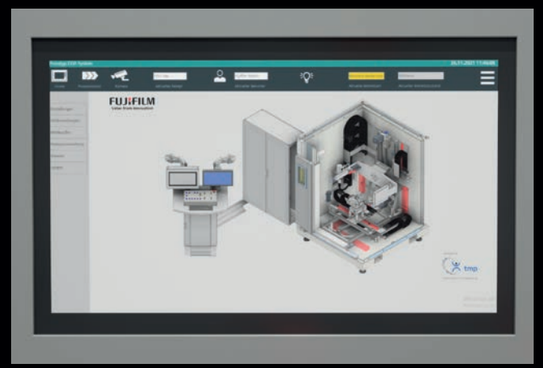
Make the invisible visible and obtain detailed images from the inside of your products.

- The DynamIx VU image viewing software uses the latest image processing technology.
- Automatically optimise the image quality of the test object and preset parameters as required.

Industry 4.0

Digital solutions, coordinated processes and customisable databases are the next step towards a fully digitalised industry.

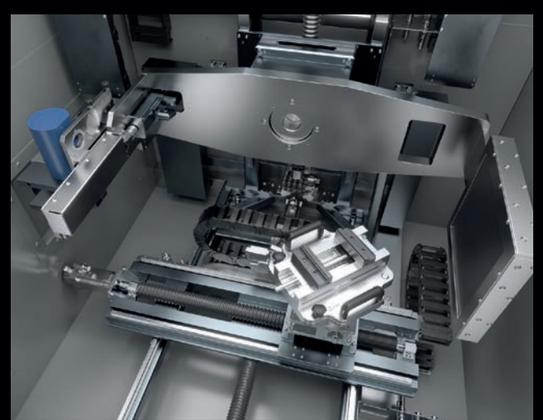
- Connectivity – connect to ERP systems.
- Server solutions.
- Remote maintenance via secure digital access.
- Innovative digital Fujifilm software platform enables a complete range of X-ray inspections.
- DICONDE-compliant.
- Innovative software – Fujifilm DynamIx VU can be integrated.
- Digital twin – prepare the next steps in advance digitally on a virtual system.



Flexibility

For product sizes and features that exactly suit your needs.

- Variable X-ray cabinet sizes, can be customized for up to 450 kV.
- 5-axis manipulation.
- Optional extra: a touch remote control can additionally simplify the set-up for each object to be scanned.



Optimised processes

State-of-the-art features make processes even more efficient.

- Intuitive operation, user-friendly software interfaces and customisable databases.
- AI-supported defect detection.
- Can be integrated in fully automated production processes.

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DynamIx™ iXS