

Real Time Radiography/ Computed Tomography System

Dxbox RT/CT

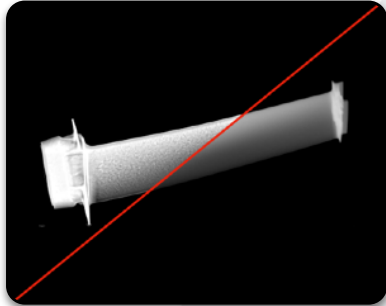


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APPLICATIONS

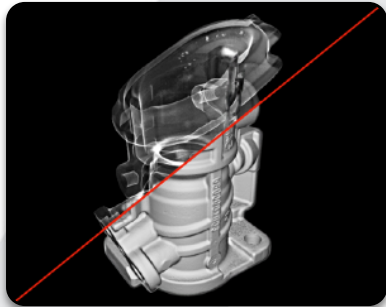
- Stationary system for Real Time and CT inspections
- High speed work for quality control of various applications : additive manufacturing, castings, batteries, ballistic plates, composite materials, medical equipment, archeological artefacts inspection, weldings,...



KEY FEATURES

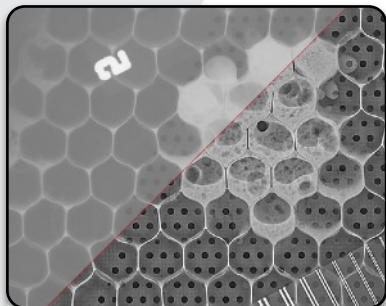
Real Time

Dxbox RT has been designed for real time inspection. It is a high-end and user-friendly X-ray system, which comes with the acknowledged **Maestro** software.



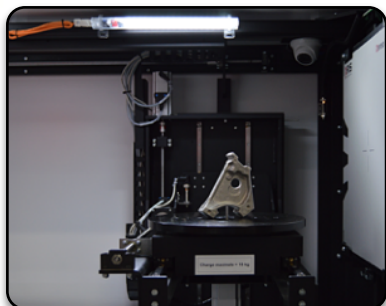
Complex parts

Dxbox RT is particularly important for applications where the complexity of parts or their requirements in quality are such that they must be X-rayed in many different angles to comply with all requested norms.



Radiography/ Radioscopy

Combine digital radiography and radioscopy with a fantastic sensitivity, excellent signal to noise ratio (SNR) and unbeatable contrast sensitivity better than 1% (EN 462-1). Switch from video to radiography mode during the X-ray shot with automatic and fast averaging.



Upgrade

Thanks to high precision rotative support, **Dxbox RT** can be upgraded with **Maestro CT**.



Dxbox RT/CT SPECIFICATION

X-RAY SOURCES

MODEL	POTENTIAL (kV)	CURRENT (mA)	POWER (W)	FOCAL SPOT SIZE (μm)
$\mu\text{GXC-150}$	40 to 150	0.01 to 0.5	10	7
			30	20
			75	50
$\mu\text{GXC-200}$	100 to 200	0.2 to 1.5	150	200
			50	50
			130	130
$\mu\text{GXC-225}$	10 to 225	5	200	200
			130	130
			200	200

FLAT PANEL DETECTORS

MODEL	ACTIVE AREA (cm)	FRAME RATE* (fps)	PIXEL SIZE (μm)
Dereo 1515	15 x 15	34	119
Dereo 2323	23 x 23	30	179
Dereo 2532	25 x 32	22	124
Dereo 3131	31 x 31	25	100
Dereo 4343	43 x 43	10/6	100/139

Other models available on request. Contact us at info@xris.eu

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2.7 T



204 x 94 x 223 cm



NFC 15-160
NFC 74100



Easy & fast installation



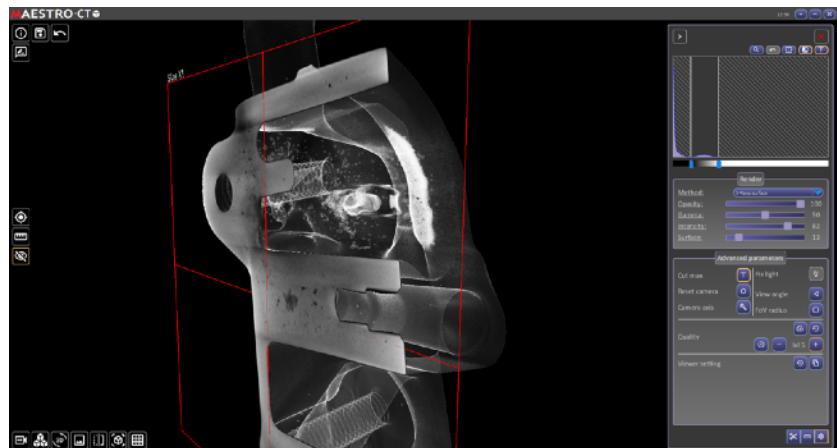
Shippable anywhere

Maestro SOFTWARE

All **Maestro** and **Maestro RT** features are included.

Ask for **Maestro CT** module, with :

- ▶ Definition of reconstruction parameters
- ▶ 3D reconstruction from images acquired during a 360° rotation
- ▶ Volume visualisation, display of slices in **Maestro** main HMI
- ▶ Post-processing on slices thanks to all filters and features available in **Maestro**. These filters can be applied in real time, so as to speed up the analysis.



Dxbox RT/CT ACCESSORIES & SAFETY DEVICES

- ▶ Emergency stop, flashing lamp, safety relay, door switch, CE,...
- ▶ Internal camera
- ▶ Workstation
- ▶ Other options available upon request
- ▶ Up to 225 kV

