Real Time Radiography and Computed Tomography System

Dxbox RT/CT

APPLICATIONS

▸ Stationary system for real time and CT inspections

▸ High speed routine work for quality control of various applications

▸ Castings, weldings, composite materials, medical equipment, ballistic plates, additive manufacturing, archeological artefacts inspection
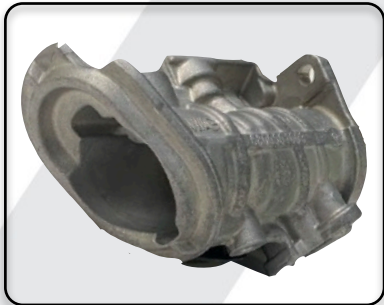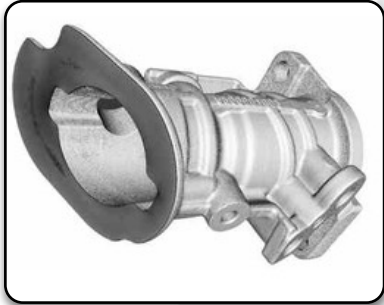
KEY FEATURES

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 the 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**.

ANY THICKNESS

SMART & INNOVATIVE

FULLY INTEGRATED

USER-FRIENDLY

SAFE & ERGONOMIC

Dxbox RT/CT SPECIFICATION

X-RAY SOURCES

MODEL	POTENTIAL (kV)	CURRENT (mA)	POWER (W)	FOCAL SPOT SIZE (µm)
µGXC-150	40 to 150	0,01 to 0,5	10	7
			30	20
			75	50
GXC-200	100 to 200	0,2 to 1,5	150	200
	80 to 200	0,2 to 6	500	800

FLAT PANEL DETECTORS

MODEL	ACTIVE AREA (cm)	FRAME RATE* (fps)	PIXEL (µm)
Dereo RT 1515	15 x 15	34	119
Dereo RT 2323	23 x 23	30	179
Dereo RT 2532	25 x 32	22	124
Dereo RT 3030	30 x 30	14	145
Dereo RT 4343	43 x 43	6	139

Higher fps rate available thanks to binning.

< 1,5 T

180 x 85 x 185 cm

Easy & fast installation

Shippable anywhere

Maestro SOFTWARE

All **Maestro** and **Maestro RT** features 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
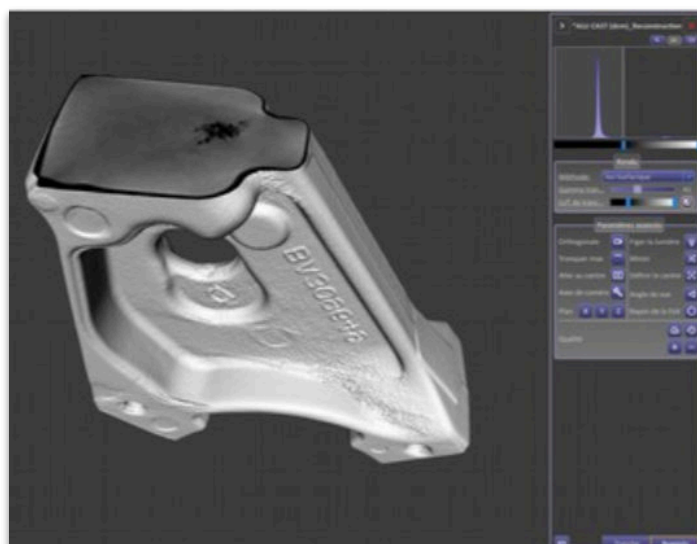
Dxbox RT/CT ACCESSORIES & SAFETY DEVICES

‣ Emergency stop, flashing lamp, safety relay, door switch,...

‣ Internal camera

‣ 4 wheels

‣ 4 lifting eyes

‣ Workstation

‣ Other options available upon request

‣ Up to 200 kV

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