

Real Time Radiography/ Computed Tomography System

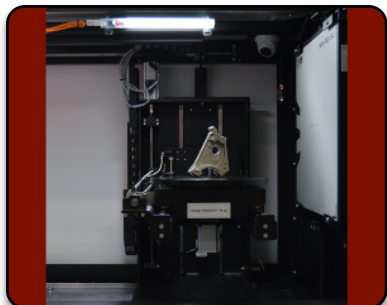
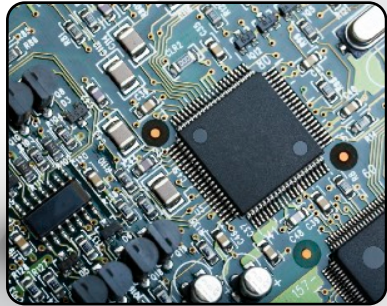
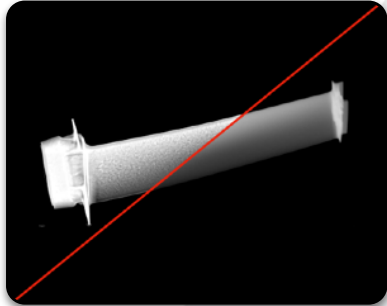


[Website](#)

Dxbox RT/CT

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

Radioscopy

Dxbox RT is a cutting-edge and **user**-friendly X-ray system specifically designed for radioscopic inspections.

This system combines digital radiography and radioscopy with excellent sensitivity and signal to noise ratio (SNR).

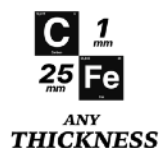
Unbeatable contrast sensitivity (better than 1%).

Additionally, you can **switch from video to radiography mode during the X-ray shot**.

Capable of handling parts up to **25 cm (10 inches)** in height, it delivers powerful performance for inspecting small parts with precision.

CT upgrade

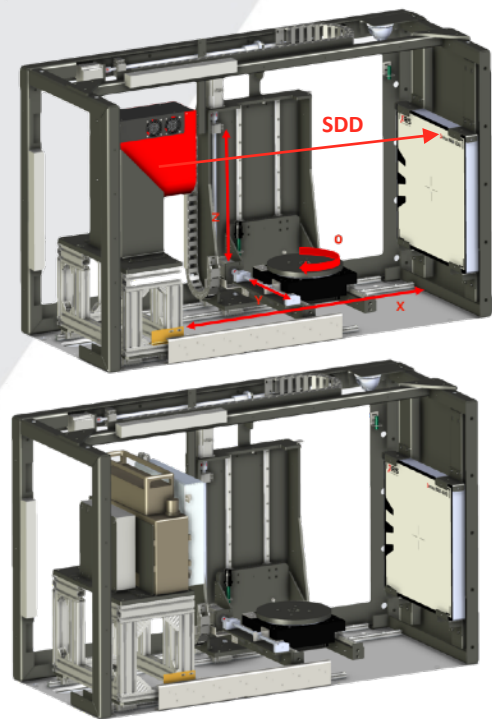
Thanks to a highly precise rotative table capable of supporting up to 15 kg, **Dxbox RT** can be upgraded with **Maestro CT**. This 5-axis system enables to get a detailed 3D volume highlighting defects within parts for an improved analysis.



Dxbox RT/CT SPECIFICATIONS*

X-ray generator	Up to 225 kV
Flat panel detector	Up to 43 x 43 cm Up to 17 x 17 inches
Detector - Pixel size	100 to 200 μm
Number of axes	5 axes
Rotative table	$\varnothing$ 25 cm 10 inches
Max. SDD	1124 cm 442 inches
Max. part diameter	$\varnothing$ 25 cm 10 inches
Max. part weight	15 kg 33 lbs
System dimensions	180 x 85 x 216 cm 70 x 33 x 85 inches
System weight	2.7 tons 3 U.S tons
CT enlargement x1	$\varnothing$ 42 x H. 58 cm $\varnothing$ 16 x H. 22 inches
CT enlargement x2	$\varnothing$ 34 x H. 40 cm $\varnothing$ 13 x H. 16 inches
Certifications	NFC 15-160 - NFC 74100

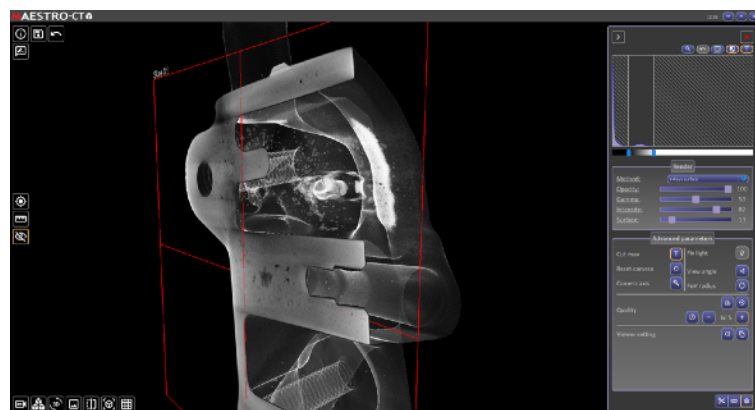
*Other configurations available. Contact us for more information.



Maestro SOFTWARE

Maestro RT features are included. **Maestro CT** module can be added with the following capabilities:

- Volume calibration and reconstruction.
- Advanced volume rendering.
- Cone Beam & Helical Computed Tomography.
- Display of X-ray slices directly into the 3D volume.
- Open file format and .vlg import/export.
- Real time post-processing on slices thanks to all filters and features available in **Maestro**.



Dxbox-RT/CT OPTIONS

- Calibration tool.
- 4 independent shutters collimator + filters holder.

