

Real Time Radiography/ Computed Tomography System

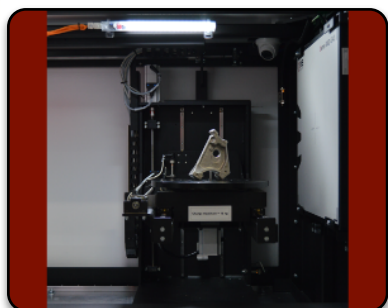
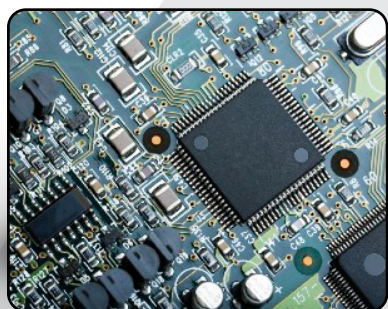
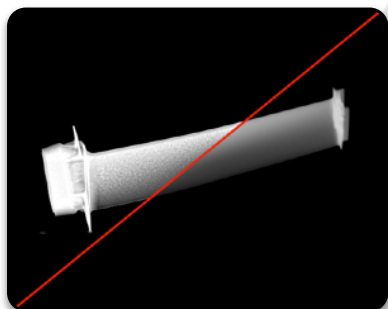


[Website](#)

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

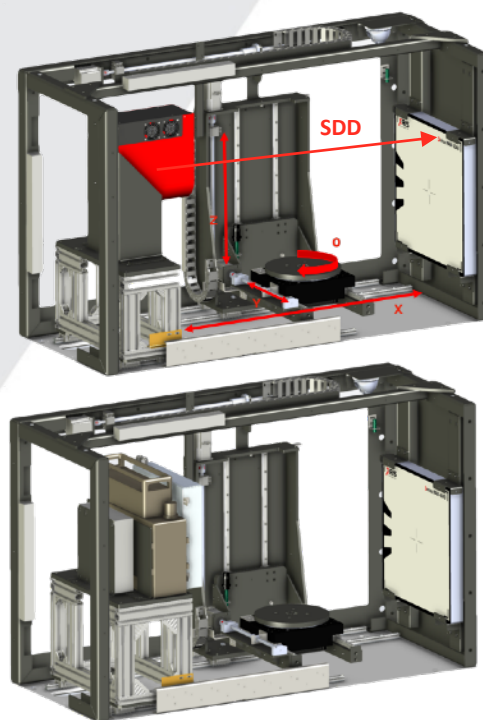
Thanks to a highly precise rotative table capable of supporting up to 15 kg, **Dxbox RT** can be upgraded with **Maestro CT**. This 5-axis system enables to get a detailed 3D volume highlighting defects within parts for an improved analysis.



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 μ m
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

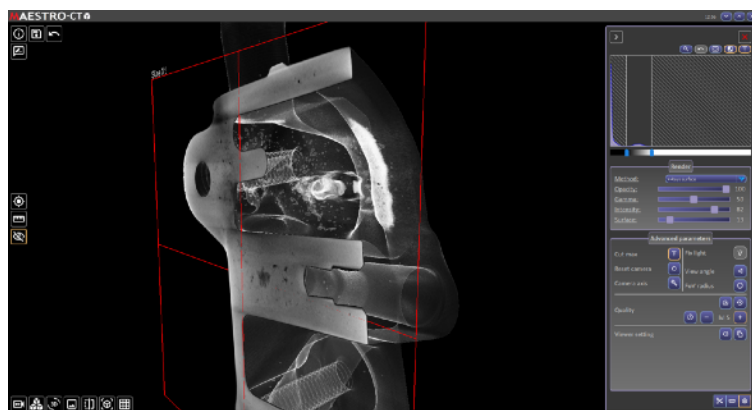
*Other configurations available. Contact us for more information.



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.

