

# Real Time Radiography/ Computed Tomography System

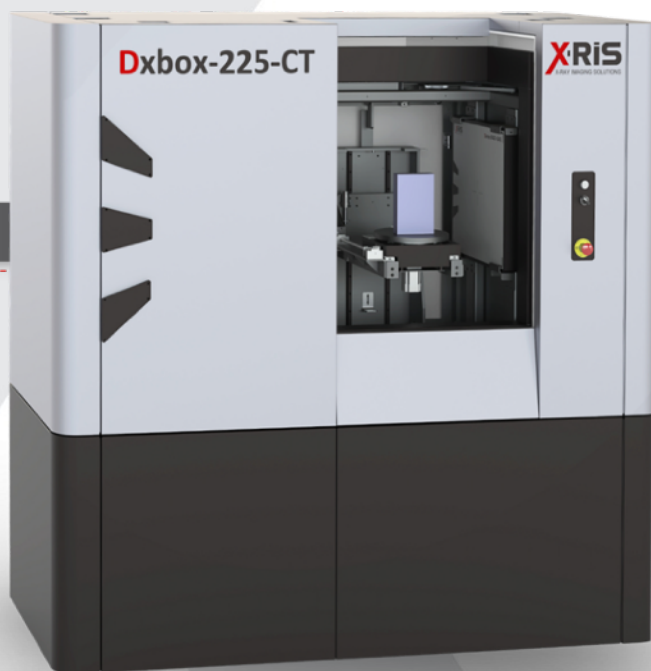


[Website](#)

# 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.

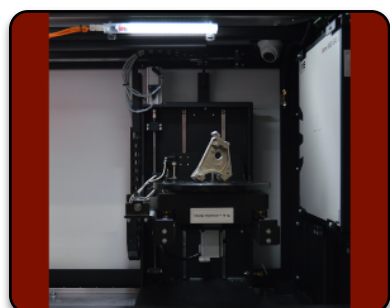
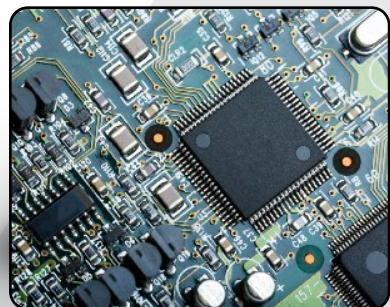
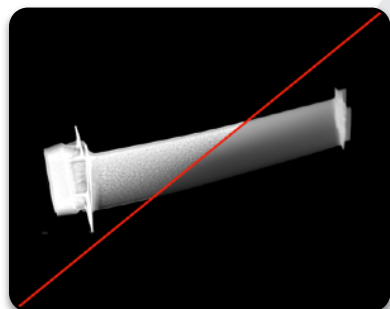
This system combines digital radiography and radioscopy with excellent sensitivity and signal to noise ratio (SNR).

Unbeatable contrast sensitivity (better than 1%).

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

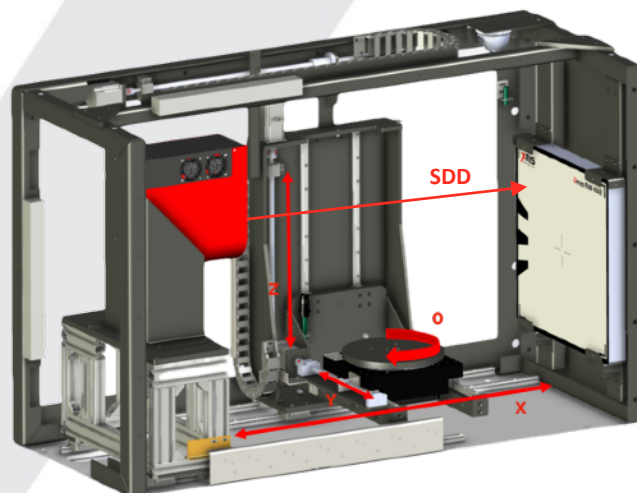
### CT Upgrade

Thanks to a highly precise rotary 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

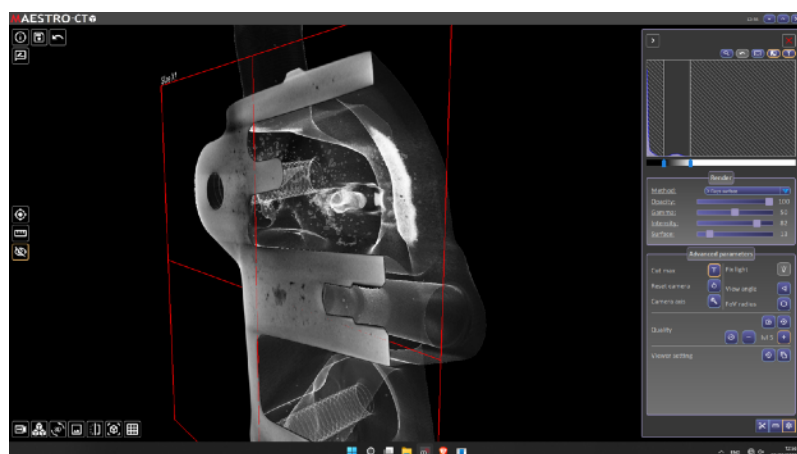
X-ray generator	Up to 225 kV
Flat panel detector	Up to 43 x 43 cm   Up to 17 x 17 inches
Detector - Pixel size	100 to 200 $\mu$ m
Number of axes	5 axes   Rotary table (4) - Generator (1 - manual)
Rotative table	$\varnothing$ 25 cm   10 inches
Max. SDD	1124 cm   442 inches
Max. part diameter	$\varnothing$ 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



## 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.

