

# Real Time Radiography/ Computed Tomography System

# Dxbox RT/CT

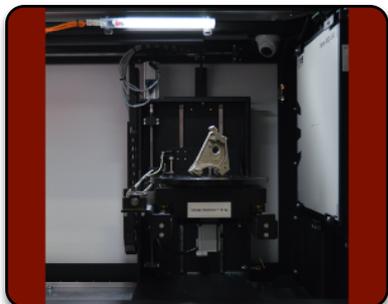
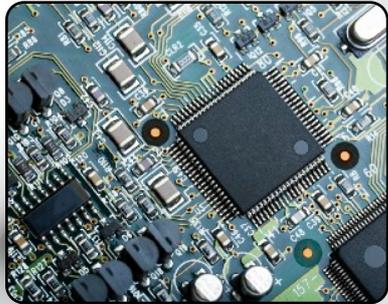
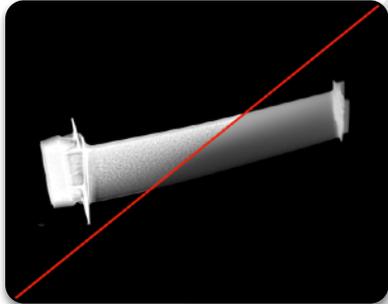


[Website](#)



## 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).

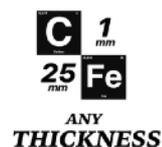
Unbeatable contrast sensitivity (better than 1%).

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

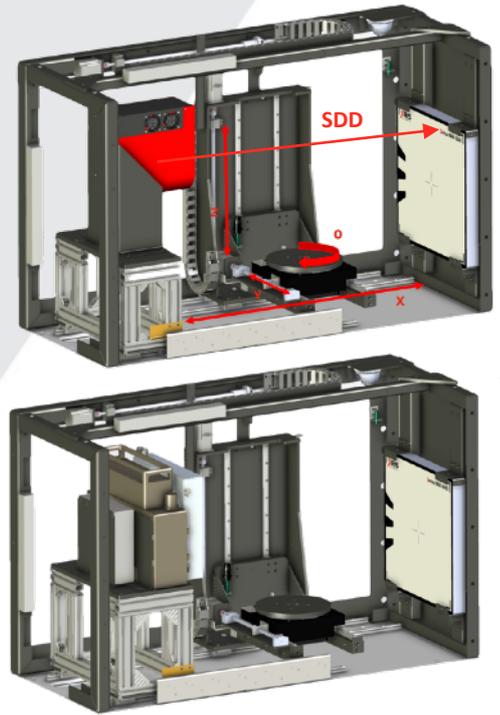
Thanks to a highly precise rotative table capable of supporting up to 15 kg, **Dxbox RT** can be upgraded with **Maestro CT**. This 5-axis system enables to get a detailed 3D volume highlighting defects within parts for an improved analysis.



# Dxbox RT/CT SPECIFICATIONS\*

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

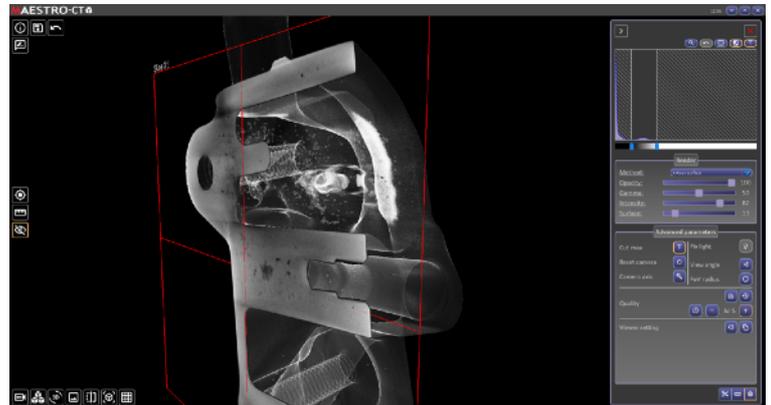
\*Other configurations available. Contact us for more information.



## 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.

