

Real Time Radiography/ Computed Tomography System

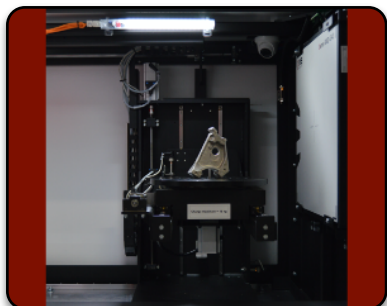
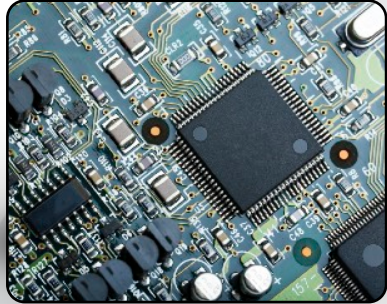
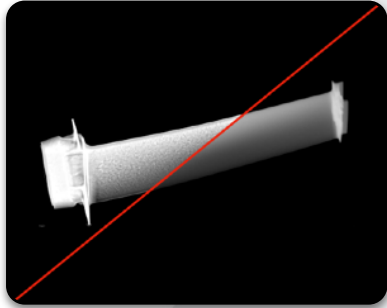
Dxbox RT/CT



[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 radiosopic 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.

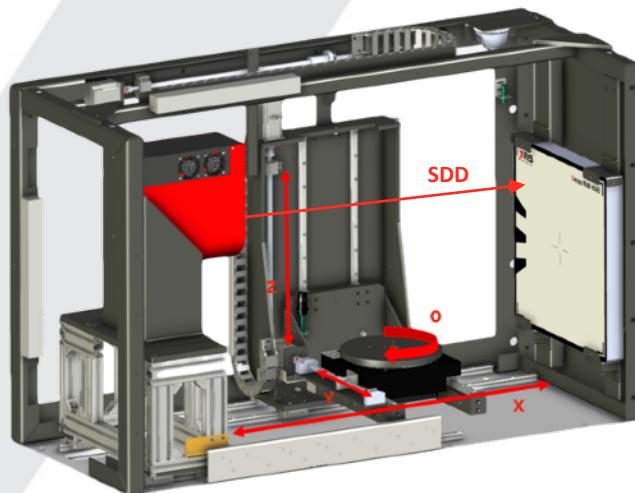
CT Upgrade

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

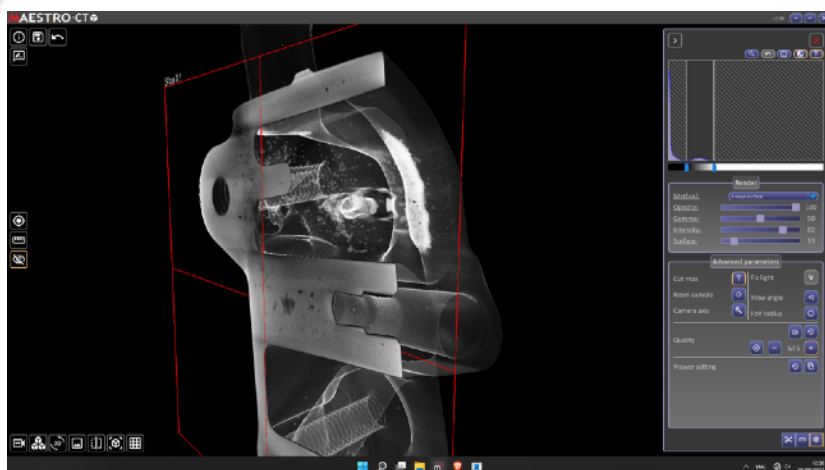
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|------------------------------|---|
| X-ray generator | Up to 225 kV |
| Flat panel detector | Up to 43 x 43 cm Up to 17 x 17 inches |
| Detector - Pixel size | 100 to 200 μ m |
| Number of axes | 5 axes Rotary table (4) - Generator (1 - manual) |
| 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

