

X-ray cabinet designed for large parts inspection

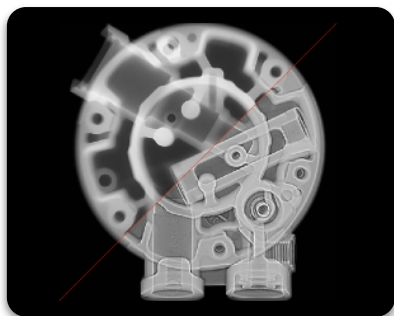


[Website](#)

Dxbox-U6

APPLICATIONS

- ▶ Innovative system dedicated to large parts inspection from 225 to 450 kV.
- ▶ Suitable for various applications: casting (aerospace and automotive) parts, art pieces (statues), security (shells),...



KEY FEATURES

U-arm

The system is equipped with a 2-axis U-arm carrying the generator, motorized collimator and flat panel. Capable of handling parts up to **200 cm (79 inches)** in height, it delivers powerful performance for inspecting large parts with precision.

Rotative table

Dxbox-U6 features a 3-axis rotative table ensuring accurate part manipulation. With a maximum load capacity of **500 kg (1100 lbs)**, it supports large and complex items.

Optimized loading

Designed for high efficiency, the motorized door moves effortlessly along two linear guide rails. This smart two-section split design provides easy top access to the cabinet, making part loading more efficient saving time and enhancing productivity.

User-friendly

The HMI display next to the door provides a live 3D view allowing the operator to easily control the axes as well as visualize and adjust their position.



ANY
THICKNESS



SMART
&
INNOVATIVE



FULLY
INTEGRATED



USER-
FRIENDLY

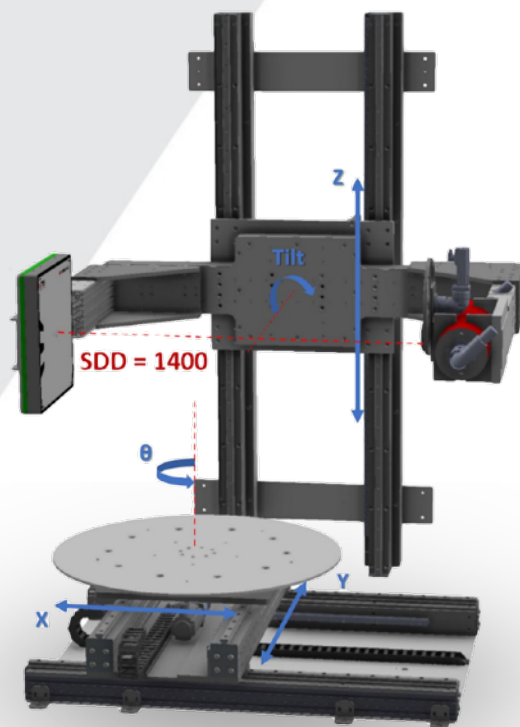


SAFE
&
ERGONOMIC

Dxbox-U6 SPECIFICATIONS*

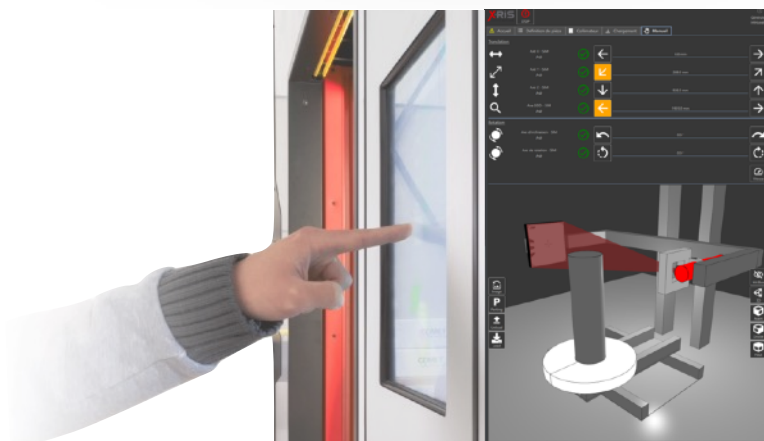
X-ray generator	Up to 450 kV
Flat panel detector	Up to 43 x 43 cm Up to 17 x 17 inches
Detector - Pixel size	50 to 200 μ m
Number of axes	6 axes
Rotative table	$\varnothing$ 90 cm 35 inches
Angles	-45° to +90° (vertical shot)
SDD	140 cm 55 inches
Max. part diameter	$\varnothing$ 90 cm 35 inches
Max. part height	200 cm 79 inches
Max. part weight	500 kg 1100 lbs
Max. thickness	4.5 cm 1.8 inches steel
System dimensions	346 x 228 x 329 cm 136 x 89 x 129 inches
System weight	12 tons 13 U.S tons

*Other configurations available. Contact us for more information.



Maestro SOFTWARE

- ▶ All **Maestro** features included.
- ▶ Touch screen (load-unload) + manual control.
- ▶ 3D Real Time feed-back visualization.
- ▶ Anti-collision software capabilities.
- ▶ Full automatic inspection based on the part number.



Dxbox-U6 OPTIONS

- ▶ Collimator with/without filters.
- ▶ Radio-transparent turntable.

329 cm - 129 inches

