

X-ray cabinet designed for large parts inspection

Dxbox-U6



[Website](#)

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

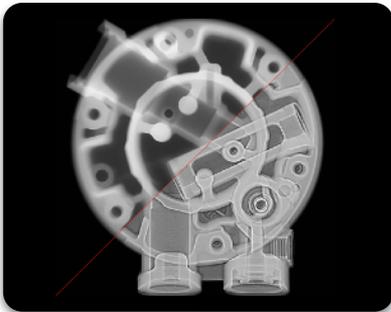
Dxbox-U6 features a 3-axis rotative table ensuring accurate part manipulation. With a maximum load capacity of **500 kg (1100 lbs)**, it supports large and complex items.

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.



C 1 mm
35Fe 35 mm
ANY THICKNESS


SMART & INNOVATIVE


FULLY INTEGRATED

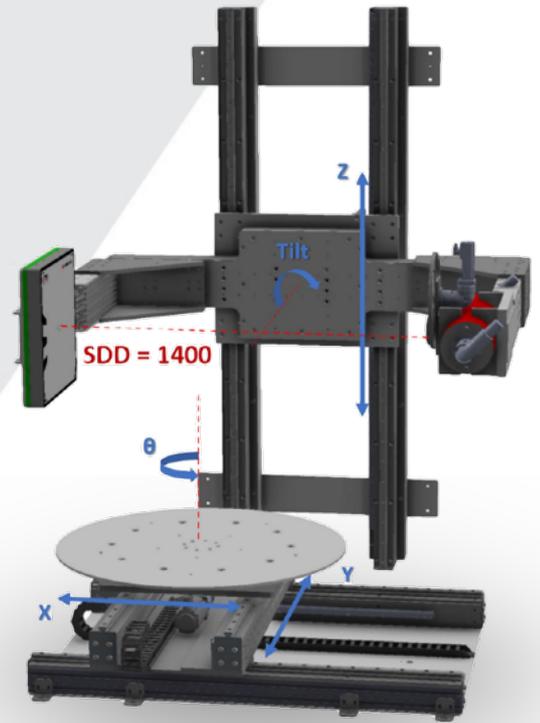

USER-FRIENDLY


SAFE & ERGONOMIC

Dxbox-U6 SPECIFICATIONS*

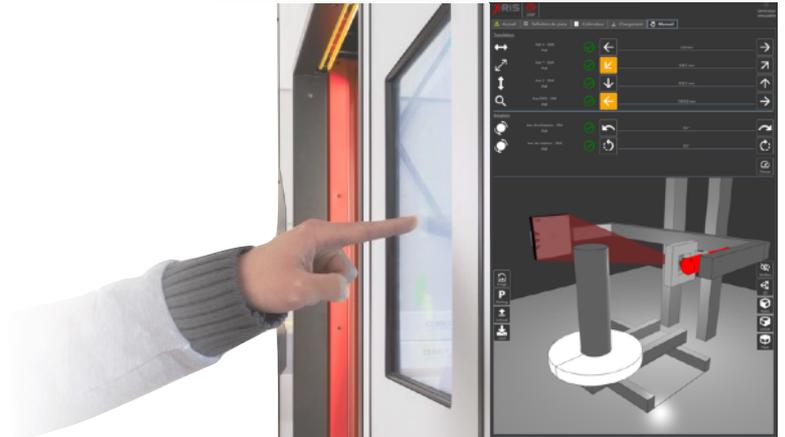
X-ray generator	Up to 450 kV
Flat panel detector	Up to 43 x 43 cm Up to 17 x 17 inches
Detector - Pixel size	50 to 200 μm
Number of axes	6 axes
Rotative table	\varnothing 90 cm 35 inches
Angles	-45° to +90° (vertical shot)
SDD	140 cm 55 inches
Max. part diameter	\varnothing 90 cm 35 inches
Max. part 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

