

# X-ray cabinet designed for large parts inspection

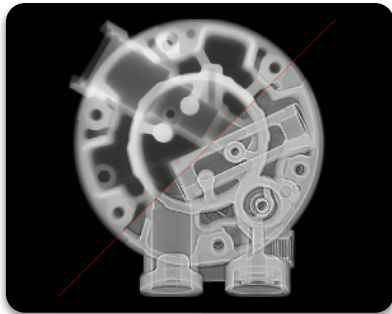
# Dxbox-U6



[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. The part dimensions can measure up to **200 cm (79 inches)** in height.

### Rotary table

**Dxbox-U6** also features a 3-axis rotary table for part manipulation which can support up to **500 kg (1100 lbs)**.

### Efficiency

The motorized door can be split into two sections which allows the part to be loaded from the top of the cabinet.

### 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



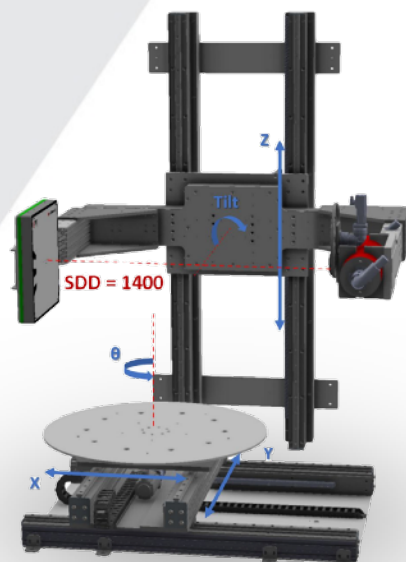
USER-  
FRIENDLY



SAFE  
&  
ERGONOMIC

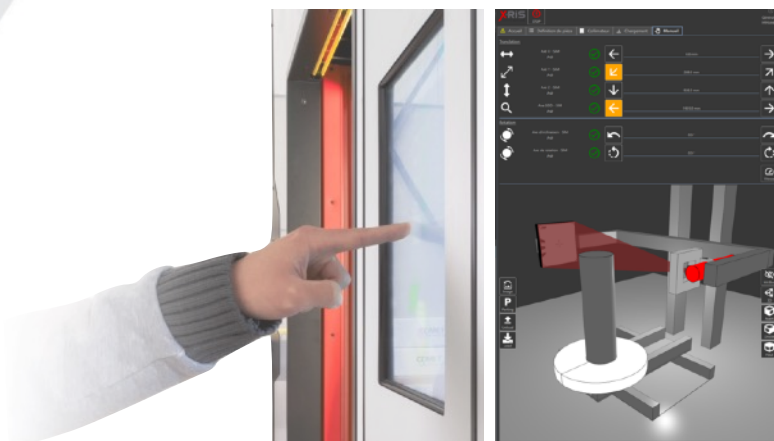
## Dxbox-U6 SPECIFICATIONS

<b>X-ray generator</b>	Up to 450 kV - Up to 0.4 to 1.2 mm
<b>Flat panel detector</b>	Up to 43 x 43 cm   Up to 17 x 17 inches
<b>Detector - Pixel size</b>	50 to 200 $\mu$ m
<b>Number of axes</b>	6 axes   U-arm (2) - Part manipulation (3) - Variable & motorized SDD (1)
<b>Rotative table</b>	$\varnothing$ 90 cm   35 inches
<b>Angles</b>	-45° to +90° (vertical shot)
<b>SDD</b>	140 cm   55 inches
<b>Max. part diameter</b>	$\varnothing$ 90 cm   35 inches
<b>Max. part height</b>	200 cm   79 inches
<b>Max. part weight</b>	500 kg   1100 lbs
<b>Max. thickness</b>	4.5 cm   1.8 inches steel
<b>System dimensions</b>	360 x 240 x 340 cm   142 x 94 x 134 inches
<b>System weight</b>	12 tons   13 U.S tons



## 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.

340 cm - 134 inches

