

Smart NDT **inspection cabinet** for digital X-ray up to 200 kV



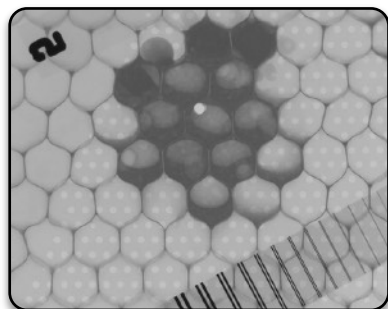
www.xrisc.eu

Dxbox-200

APPLICATIONS

Wide range of objects inspection possibilities :

- From a sheet of paper up to 25 mm Fe
- Welding, castings, composites, ... quality control
- Welding NDT training centers
- Laboratories (R&D, universities, museums, forensic centers,...)



KEY FEATURES

Adaptability

Fully compatible with a wide range of portable generators and flat panel detectors.

Movable & Flexible

Thanks to its wheels, you can position easily wherever you want in your facility / install and uninstall the x-ray set without a hassle.
The dimensions are 149 x 94.5 x 83.5 cm and the weight is 700 kg.

Image quality

By moving up & down your sample, you can take benefit of the geometrical magnification.

Easy to use

Perfect for quick one-shot job as well as for routine work and its magnetic door interlocks allows the user to have a safe and smooth user-experience.

2 in 1 system

Portable generator and detector can be installed in the cabinet and removed at any time in order to go on the field.



**SAFE
&
ERGONOMIC**



**FULLY
INTEGRATED**



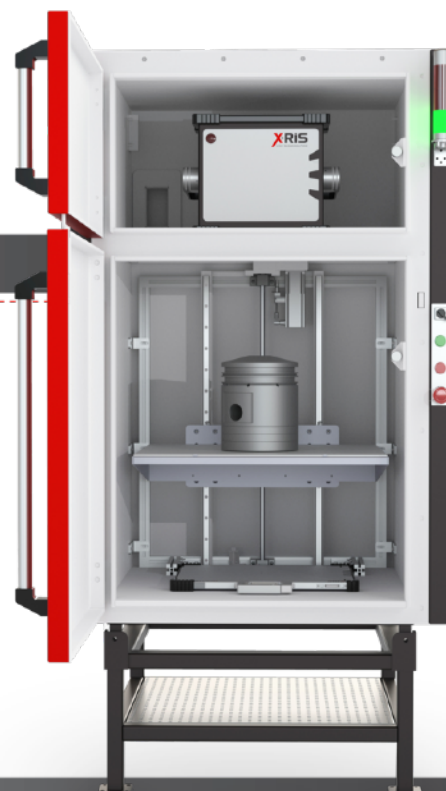
**COMPACT
&
MOVABLE**



**USER-
FRIENDLY**



**C 1
25 mm Fe
ANY
THICKNESS**



Dxbox-200 SPECIFICATION

X-RAY SOURCES

MODEL	POTENTIAL (kV)	CURRENT (mA)	POWER (W)	FOCAL SPOT SIZE (μm)
μGemX-150	50 to 150	0.1 to 2	150	200
GemX-150	20 to 150		150	500 * 700
GemX-160	50 to 160	0.1 to 2	160	500 * 700
GemX-200	50 to 200		200	500 * 700
			10	7
μGXC-150	40 to 150	0.01 to 0.5	30	20
			75	50
			150	200
GXC-200	100 to 200	0.2 to 1.5	150	200
	80 to 200	0.2 to 6	500	800

FLAT PANEL DETECTORS

MODEL	ACTIVE AREA (cm)	PIXEL SIZE (μm)	GREY LEVEL (bit)	WEIGHT (kg)
Dereo UP	25 x 30	100	16	2.8
	36 x 43	100	16	4
Dereo RAD	25 x 32	124	16	Not
	43 x 43	139	16	Portable
Dereo HE	17 x 23	75	16	2.7
	36 x 43	140	16	5.9
Dereo PS	24 x 30	68 or 120	16	7.2



700 kg



NFC 15-160



Easy & fast installation



Shippable anywhere

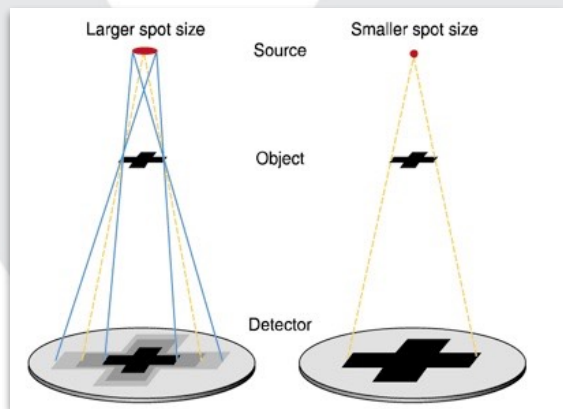


149 x 94.5 x 83.5 cm

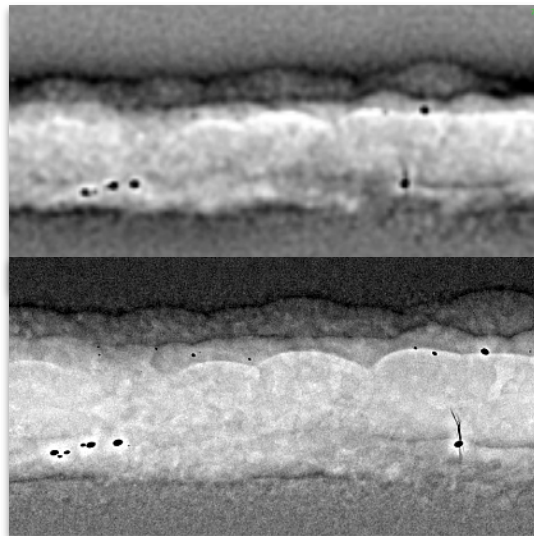
Maestro SOFTWARE & IMAGE QUALITY IMPROVEMENT WITH μGemX

All user-friendly **Maestro** features included.

Equip your **Dxbox-200** with a micro focus generator and improve your image quality thanks to the magnification



Improvement
thanks to
μGemX
magnification



Dxbox-200 ACCESSORIES

- ▶ Motorized Z axis available to get benefit of the magnification
- ▶ Collimator
- ▶ Other accessories available upon request

