

**BALTOSPOT LLX225-DA**



High voltage range :	<b>10 à 225kV</b>
Tube current range:	<b>0,5 à 12 mA</b>
Beam angle:	<b>60° x 40°</b>
Inherent filtration (mm):	<b>0,8 Be</b>
Anode cooling type:	<b>Air</b>
Duty cycle:	<b>100%</b>
Insulation:	<b>SF6 gas</b>
Mains:	<b>180 - 260V</b>
Max recommended temp.:	<b>50°C</b>
Weight (without rings):	<b>23 kg</b>
Tubehead:	<b>Metal-Ceramic</b>
Control unit :	<b>DC1 ou Hand-XD</b>

**MAIN FEATURES**

- Highly stable output dose for digital applications
- High-frequency constant-potential generator
- Current up to 12mA
- Metal-Ceramic tube
- Energy recovery module
- Safe X-ray start-up with 2 buttons



4-point laser centering

**KEY ADVANTAGES**

- Lightweight
- 4-point laser centering
- Automatic preheating process
- Low power requirements
- Reduced cable size and weight
- Can be supplied with our 900gr hand-XD including a Geiger-Müller counter
- RS232 link designed for connection to digital detectors and computers
- Compatible with power generator
- CANON military metal connectors

**MOST COMMON APPLICATIONS**

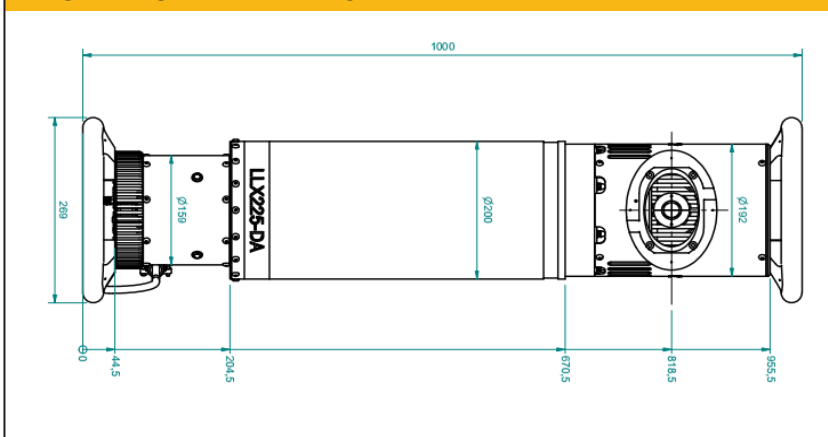
- Aeronautics
- Construction sites
- Digital applications (flat panels, CR or linear sensors)
- Small X-ray cabinets



The LLX225-DA is a portable, air-cooled, high-frequency, constant-potential, directional X-ray generator for use with digital detectors.

The LLX is the latest addition to Balteau's 65 years of expertise in portable generator design, combined with 25 years of manufacturing constant-potential generators. LLX is the answer to your on-site inspection needs, especially when quality and inspection speed are essential. The specific shape given to the generator head makes this device easier to use on site, where space is always limited, such as in aerospace applications.

**MECHANICAL DRAWING**



LLX is controlled by the digital control unit (DC1) using the energy-saving principle of the BALTOSPOT series, also available with Hand-X® wireless remote control for absolute safety.

**INTERNATIONAL**

- CE certified
- NFC74-100 LCIE certified



Specifications	Units	LLX225-DA
High voltage range	kV	10 - 225
Tube current range	mA	0,5 - 12
Maximum anode power dissipation	Watt	900
Beam angle		60° x 40°
Focal spot size (EN12543)	mm	3.0
Focal spot size (IEC336)	mm	1.5
Steel penetration at max (*)	mm	47
Max recommended temp.	°C	50°
Temperature switch	°C	70°
Inherent filtration	mm (Be)	0,8
Anode cooling type		Air
Duty cycle	%	100
Mains	V	180 - 260
Weight (without rings)	Kg	23
Tubehead		Metal-Ceramic
Control unit		DC1 or Hand-XD

\* FFD= 700mm/Film Carestream Industrex AA400/D=2.0/t=10min.



## DC1

- **kV min step:** 1
- **mA min step:** 0,1
- **Max time:** 1 to 99 min 59 sec
- **Memories:** 100 last exposures
- **Display:** Graphic
- **mains:** 170-260 V
- **Weight:** 9,2kg



## HAND-XD (Wireless remote control)

- **kV min step:** 1
- **mA min step:** 0,1
- **Max time:** 1 to 99 min 59 sec
- **Memories:** 100 last exposures
- **Display:** Graphic
- **Battery:** 8h charge capacity
- **Weight:** 900g

## STANDARD EQUIPMENT

- Internal pressure gauge
- Industrial locking connectors
- 20m cable for control unit
- 10m power cable
- Center holder for filter and diaphragm
- Accessories bag

## OPTIONAL EQUIPMENT

- Lead shutter
- AVARA/P
- Warning flashing light & repeater
- Transport case
- 4 legs adjustable stand
- Hydraulic stand
- 100-260 V adapter
- RS232 link
- Cradle with heavy duty hand rings

Produced by :

**Balteau NDT**  
Rue Voie de Liège, 12  
B-4681 Hermalle Sous Argenteau  
Belgium

**www.balteau.com**  
**balteau@balteau.com**  
Tel. +32 (0) 4 374 75 75  
Fax +32 (0) 4 374 75 85

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