



* @ 10 cm of the wall, fully protected cabinet

MAIN FEATURES

- Safe shielded cabinet with leakage dose rate of <0.5µSv/h
- X-ray generator available from 5 to 300 kV and up to 12 mA
- Constant potential high frequency generator available
- Manual swivel door with double magnetic sensor and an electro magnet with a locking strength of 3000 N.
- Safety first, x-ray start with 2 buttons





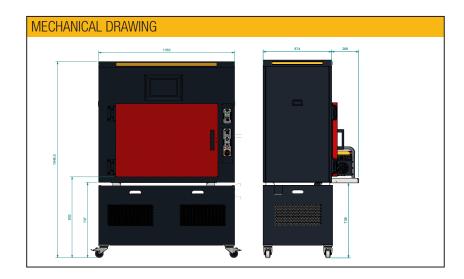
KEY ADVANTAGES

- Multi purpose X-ray generator is able to inspect many types of parts
- Available in different version allowing you to choose between different generators.
- Main switch with a removable key that avoids unauthorized people to operate the equipment
- Two emergency stop buttons (one on the shielded cabinet and one on the control unit).
- A large door with an aperture of 840 mm x 650 mm
- · Fully integrated design

SHIELDED CABINET FOR X-RAY INSPECTION OF WELDED SAMPLES AND CASTINGS

The AlS228 is a very compact equipment that provides you with numerous advantages. A wide variety of samples as well as different thicknesses can be inspected with this unit. This shielded cabinets includes, as irradiating source, a directional X-ray generator from the very well-known and efficient Baltospot range.





These cabinets are generally made of a steel structure with lead reinforcement to assure a proper shielding against radiation outside of the confined area («sandwich» type assembly: steel-lead-steel). This user-friendly equipment can be very easily operated with a maximum safety.

INTERNATIONAL

- CE certified
- NFC74-100 LCIE Certifed

Specifications	Units	BALTOMATIC AIS228
Cabinet size (L x D x H):	mm	1350 x 675 x 1205 (+735)
X-ray compartement (L x D x H):	mm	1000 x 600 x 710
Door size (L x H):	mm	840 x 650
Focal spot - Film distance:	mm	850
Irradiated area at FFD:	mm	Ø 600
Mains (single phase):	V	230
Frequency:	Hz	50
Current consumption:	A	9
Operating temperature:	°C	From 10 to 35
X-ray leak @ 10 cm of the wall	μSv/h	< 0,5 µSv/h (fully protected cabinet)

Optional «stand» with/without doors, elevated floor to allow fork lift uses for transportation, movable roof for easy service, electro magnetic lock with «fail free» active function, door on hinges.

Specifications	Units	AIS228 With GFD165	AIS228 With CERAM235	AIS228 With CERAM35	AIS228 With LLX160	AIS228 With LLX200	AIS228 With XSD160	AIS228 With XSD225
High voltage range:	kV	50 to 160	70 to 235	100 to 300	5 to 160	5 to 200	5 to 160	5 to 225
Tube current range:	mA	1 to 5	0,1 to 5	0,5 to 5	0,5 to 12	0,5 to 12	0,1 to 50	0,1 to 30
Beam angle:		55°	40°	40°	60° x 40°	60° x 40°	Refer tube flyers	Refer tube flyers
Focal spot size (IEC336):		1,5 x 1,5	2 x 2	2,5 x 2,5	1/3	1/3	0,2 x 0,2 to 3 x 3	0,2 x 0,2 to 3 x 3
Maximum power:	W	800	1175	1500	600 / 900	600 / 900	4000	4000
Steel penetration (*):	mm	17	43	58	26 / 29	42 / 44	35	54
Working temperature:	°C	Max. 70°	Max. 70°	Max. 70°	Max. 70°	Max. 70°	Max. 70°	Max. 70°
Inherent filtration:	mm	6 AI	1 Be	1 Be	0,8 Be	0,8 Be	Refer tube flyers	Refer tube flyers
Anode cooling type:		Air	Air	Air	Air	Air	Water	Water
Duty cycle:	%	100**	100	100	100	100	100	100
Tubehead:		Glass	Ceramic	Ceramic	Metal-Ceramic	Metal-Ceramic	Metal-Ceramic	Metal-Ceramic
Control unit:		CF2000 or Hand-X	CF2000 or Hand-X	CF2000 or Hand-X	DC1 or Hand-XD	DC1 or Hand-XD	LS1 or LS1C2	LS1 or LS1C2

Contact details

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