

With more than 60 years of expertise in the field, you're guaranteed that the iVario 225 kV generator has been built to go the distance to optimize the X-ray process. Its all-round flexible design offers a broad range of configuration possibilities that have been carefully considered to ensure safety, consistency and durability. With this advanced model, you can expect higher uptime, prolonged tube life and consistent results.

- Highly modular, versatile and configurable generator with settings that can be adapted to suit your specific needs.
- The intelligent arc-handling system with builtin characterization logic enables automatic arc detection, providing the optimal settings to prolong the lifespan of the X-ray tube.
- The tube library that comes with the generator includes optimized tube profiles (ramp-up and ramp-down profiles), prolonging the tube's lifespan with the best module (tubegenerator) integration.
- Additional accessories, such as a touchscreen control panel and an IP54 protection cover, make the iVario generator well suited to every application.





PRODUCT SPECIFICATIONS

iVario	225/2.25	225/4.5
VOLTAGE RANGE	10-225 kV	
ADJUSTMENT INCREMENTS (minimum step)	≤ 0.1 kV	
ACCURACY	± 1% of max	k kV
REPRODUCIBILITY (at constant temperature)	± 0.01% of max kV	
LONG-TERM VOLTAGE STABILITY *	± 0.1% of m	ax kV
TEMPERATURE-INDUCED DRIFT	± 40 ppm/°0	
HIGH-VOLTAGE RIPPLE (with 10m high-voltage cable)	5 V/mA (mir	1 20V)

EMISSION CURRENT RANGE	15 mA	30 mA	
ADJUSTMENT INCREMENTS	≤ 0.01 mA		
ABSOLUTE ACCURACY	± 0.2% of m	± 0.2% of max mA	
REPRODUCIBILITY (at constant temperature)	± 0.002 mA		
LONG-TERM CURRENT STABILITY *	± 0.1% of se	± 0.1% of set mA	
TEMPERATURE-INDUCED DRIFT	± 50 ppm/°0	± 50 ppm/°C	
MAXIMUM POWER	2 250 W	4 500 W	
KV RAMP-UP AND RAMP-DOWN TIME	< 300 ms		

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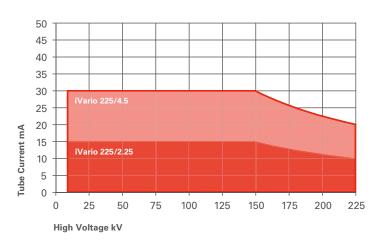
INTERFACES

HIGH-VOLTAGE CONNECTOR TYPE	R28
DATA / CONTROL	Ethernet RS-232

DIMENSIONS

DIMENSIONS (HxWxL)	500 x 530 x 660 mm		
WEIGHT	126 kg	129 kg	
APPROVALS	CE, CB, NFC 74100		

GENERATOR DIAGRAM



^{*} Over 8 hours at max kV/power after 1 hour warm-up



BETWEEN TWO WORKING POINTS **

^{**} Can be further limited by the X-ray tube