

XRP-100

100 / 2250

100 / 4500



Comet Industrial X-Ray generators are perfectly matched for high stable performance. The high frequency generator has been designed to meet the tough requirements of modern industrial x-ray applications.

- Suitable for factory floor with its robust industrial application design
- Allows for higher penetration and shorter exposure times compared to generators of other kV levels
- Automated arc detection and suppression thereby reduced risk of data loss during long exposures
- Arc resistant design increases efficiency

XRP-100 / 2250



XRP-100 / 4500

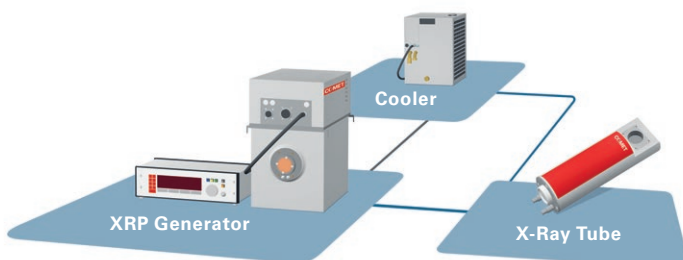


HIGH STABLE PERFORMANCE

GENERATOR SPECIFICATIONS

XRP	100/2250/2	100/4500/2
VOLTAGE RANGE	5 – 100 kV	
ADJUSTMENT INCREMENTS (minimum steps)	0.1 kV/step	
ACCURACY	± 1 % of output value ± 0.1 kV	
REPRODUCIBILITY (at constant temperature)	± 0.01 % of maximum kV-value	
TEMPERATURE INDUCED DRIFT	80 ppm/°C based on output value	

CURRENT RANGE	0 – 22.5 mA	0 – 45 mA
ADJUSTMENT STANDARD RANGE	in 0.05 mA steps from 0.5 mA to maximum value	
HIGH RESOLUTION RANGE (recommended)	In 0.01 mA steps from 0.0 mA to maximum value	
ACCURACY (at constant temperature)	± 0.2 % of output value ± 0.01 mA	
REPRODUCIBILITY (at constant temperature)	± 2 µA	
TEMPERATUR INDUCED DRIFT	50 ppm/°C of output value (on request 30 ppm/°C possible)	
MAXIMUM POWER	2250 W	4500 W



GENERATOR DIMENSIONS

CONTROL UNIT	483 x 133 x 300 mm	
WEIGHT	12.5 kg	
POWER SUPPLY	340 x 200 x 628 mm	340 x 350 x 628 mm
WEIGHT	26 kg	45 kg
HIGH VOLTAGE TANK (Oil Insulated)	375 x 335 x 625 mm	
WEIGHT	80 kg	
HIGH VOLTAGE CONNECTOR TYPE	R24	

GENERATOR DIAGRAM

