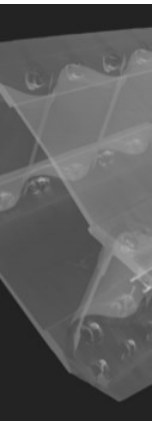


CP SERIES

CP225W



The **CP Series** has continued to evolve over its product life and is available in the range of 65KV to 520KV with both unipolar and bipolar options. CP series generators are available in single or dual focus configurations. The CP Series uses 25kHz for EHT generation and the family of products offers low ripple and low drift.

CP series generators can be used to power small focal spot x-ray tubes for imaging and high-power tubes for higher density materials. In addition to a wide range of traditional imaging radiography, the CP series is widely used in critical areas of security and medical radiotherapy where accuracy and reliability are essential.

The CP series incorporates an accurate feedback system that constantly monitors the x-ray tube mA and KV to ensure precise and stable output. A choice of analogue or digital controls is available to facilitate simple integration into automated inspection systems.

Water-cooled versions of the CP Series generators have been specifically designed to work in high ambient temperatures and where air flow is restricted around the generator. Proven in harsh environments such as steel mills, water-cooled CP generators allow stable and reliable operation where air-cooled solutions are unsuitable for use.

X-RAY

GENERATORS • CONTROLLERS • TUBES

Gulmay is a world leader in the design and manufacture of high voltage generators, x-ray generators and x-ray controllers.

Our extensive range of class-leading x-ray generators is complimented by a broad range of components including x-ray tubes from the world's leading manufacturers, high voltage cables, coolers, and complete turnkey sub-systems, configured and optimised for straightforward system integration.



PRODUCT SPECIFICATIONS

Maximum Power	3200W
kV Range	10-225kV
kV Accuracy	±1% of Demand Value
kV Reproducibility	Better Than ±0.05kV
High Voltage Ripple	<10.0V/mA with 10M High Voltage Cable
mA Range	0-30 mA
mA Accuracy	±0.5% of Demand Value
mA Reproducibility	Better Than 2µA
Input Voltage	230V ± 10% 47-63Hz
Input Current	27A at 230V
Output Connector	R30

Storage Temperature	-40°C to +70°C
Operational Temperature	0°C to +40°C
Relative Humidity	95%
Duty Cycle	100%

INTERFACES

Comms	Analogue /RS232/ RS422/Ethernet
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DIMENSIONS**

Dimensions, mm	(W)430 x (H)783x (D) 815
Weight	248kgs

** The Information provided is for reference purposes only. Actual specifications may differ depending on variant.

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