

CP SERIES

CP450



The Gulmay CP series combines high power with unparalleled reliability through a broad x-ray power and energy spectrum. The CP series operates up to 4500W and is available in a wide range of output voltage configurations from 65kV to 520kV. High mA CP models are available where applications call for a particularly high dose rate.

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.

The oil-filled high-voltage system provides greater thermal dissipation than resin-filled designs, increasing reliability and ensuring both a 100% duty cycle and full field serviceability.

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	4500W
kV Range	40-450kV
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	0-20 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	Cathode (W)435 x (H)780 x (D)818 Anode (W)528 x (H)780 x (D)813
Weight	430kgs (combined)

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

GULMAY Limited
United Kingdom
Telephone: +44 (0)1932 339850
Email : sales@gulmay.com

GULMAY GmbH
Germany
Telephone: +49 2151 9352720
Email: sales@gulmay.eu

GULMAY Incorporated
United States Of America
Telephone: + 1 678 482 6800
Email: sales@gulmayinc.com

GULMAY Electronic Equipment (Shanghai) Co.Ltd
P.R.China
Telephone: +86 21 6480 6580
Email: victor.qin@gulmay.cn

