

UD SERIES

UD190



The new **UD190 Microfocus** generator builds upon the pioneering platform of the **Gulmay UC Series** and adds several new features to meet the needs of today's most demanding Microfocus applications.

The UD series offers a new compact and lighter generator design facilitating improved OEM system integration, while the oil-filled encapsulated high voltage components provide robust and serviceable generators.

UD series generators feature a new **resonant filament drive** architecture with patented closed-loop filament current control to improve filament lifetime*, while new accurate grid voltage monitoring functionality is designed to enable microfocus tube manufacturers to develop predictive maintenance capabilities in the microfocus systems of tomorrow.

UD series generators are UL and cUL recognised

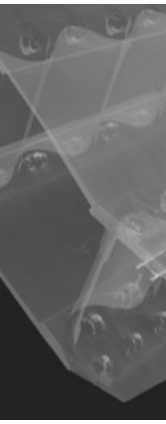
*Patent number US11,751,31682.

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

kV Range	20-190kV	Storage Temperature	-10°C to +70°C
kV Accuracy	±1% of Demand Value	Operational Temperature	10°C to +35°C
kV Reproducibility	± 0.1%	Relative Humidity	80%, non condensing
High Voltage Stability	75V pk-pk max into a 5m high voltage cable	Duty Cycle	100%
mA Range	0-3mA Max	INTERFACES	
mA Accuracy	±0.5% of Demand Value	Comms	Analogue
mA Reproducibility	0.1%	DIMENSIONS**	
mA Control	Grid	Dimensions, mm	(W) 424 x (H) 546 x (D)683
Grid Voltage Range*	600V or 1200V	Weight	140 kgs approx.
Maximum Power Output	570W		
Input Voltage	230 Vac ± 10% 47-63Hz		
Input Current	5A at 230 Vac		
Output Connector	R28		

*Other Grid Voltage Outputs are Available on Request

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

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