

# FC100

## TECHNICAL SPECIFICATION

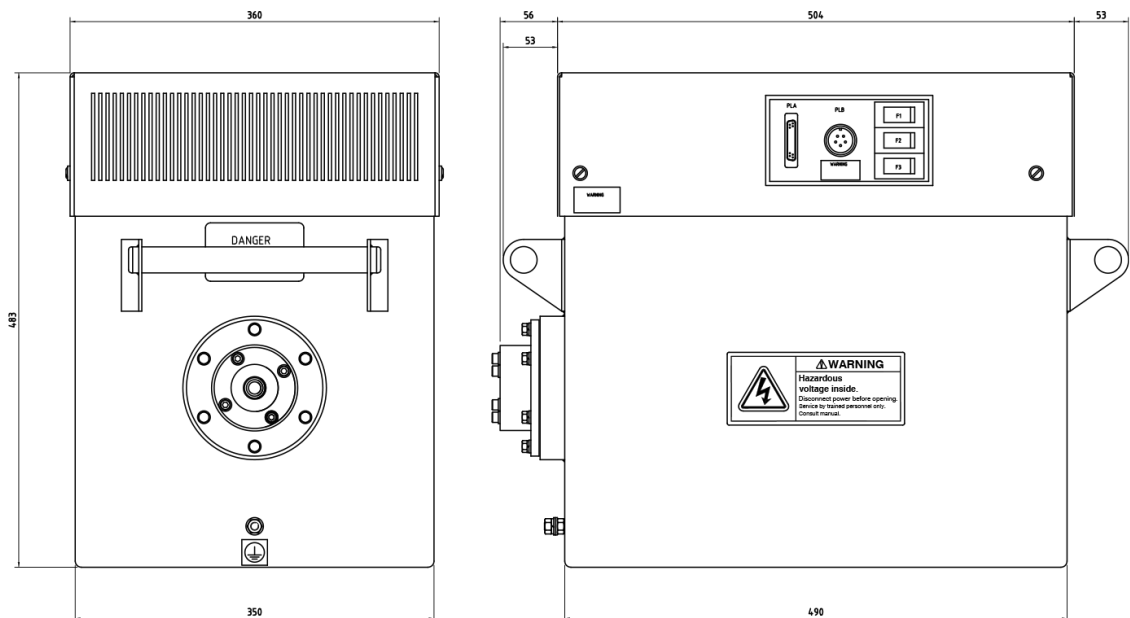


Maximum Power	640 W
kV Range	5 – 100 kV
kV Accuracy	± 1% of Demand Value
kV Reproducibility	Better Than ± 0.05 kV
High Voltage Ripple	<5.0V/mA with 10M High Voltage Cable
mA Range	0 – 12 mA
mA Accuracy	± 0.5% of Demand Value
mA Reproducibility	Better Than 2µA
Input Voltage	220 V ±10% 47 – 63 Hz
Input Current	6.8 A at 220 V
Output Connector	R10/R24
Dimensions Cathode (W x H X D)	360 x 482 x 613 mm
Weight	102 kg
Storage Temperature	-40° C to + 70° C
Operational Temperature	0°C to + 40°C
Relative Humidity	95%
Duty Cycle	100%
Comms	Analogue / RS232 / RS422

# X-RAY

GENERATORS • CONTROLLERS • TUBES

As Metal Ceramic x-ray tubes have evolved Gulmay has developed its product in 3 phases to culminate in a single drive platform capable of powering up to 1000 W and with options of single or dual Filament and unipolar or bipolar tube connection. The current drive platform is based on the 'FC' family using IGBT's at 25 kHz with reduced air inflow to facilitate operation in harsher conditions.



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