



## Orion Range

60kV, 3kW x-ray generator



### Specification Summary

#### Power Supply

Input Voltage	Single phase 200-240VAC, 50/60Hz
Mains Connection	6 way Harting connector HAN6E
Current Rating	16A

#### Output Voltage

Output Voltage	0 to 60kV
Polarity	Negative
Output Power	max. 3 kW
Output Connection	O4, locked by mechanical nut only
Output Current	0 to max. 75mA
Voltage Ripple	< 1% @ 60kV 50mA

#### Voltage Regulation

Load	0.1% of output voltage no load to full load.
Line	0.1% for $\pm 10\%$ change in input voltage.

#### Filament Control

Filament Voltage	0 to 12Vrms
Filament Current	0 to 5Arms

#### Bias Voltage

0 to 3000Vdc (negative with respect to filament)

Bias Voltage Accuracy	< 1%
Bias Voltage Stability	< 1%
Bias Current	1mA max.