

X-RAY

GENERATOR SYSTEM



ORX-50GS
X-RAY GENERATOR SYSTEM

Highly Reliable High Voltage Generator

Succeeding our proven technology on "ORX-50GS",
Origin shall guarantee you its dependability and quality.



General Specifications

Generator Type	High Frequency Ouput
Rotor Supply	Low Speed Starter
Input Phase/ Voltage	1 Φ / 180-220V AC or 3 Φ / 380-415V AC
Tube Operation	1 tube
Automatic Programs	225+ techniques
Technique Selection	kV/ AEC, kV/ mAs or kV/ mA/ ms
Auxiliary Room & Collimator Power	Standard feature

Radiography

kV p Range/Steps	40 - 150 kV
kV p Accuracy	Less than $\pm 3\%$
High Voltage Ripple	Less than 10%p-p at 100kV/500mA
Rise Time(10% - 90%)	1msec (10-75%) max <0.5ms, faster rise time available for 50kW,65kW models
mA Range	10 - 630 mA
Exposure Timer Range	0.001s - 10s
mAs Range (non-AEC)	0.3- 630 mAs

Continuous Fluoroscopy

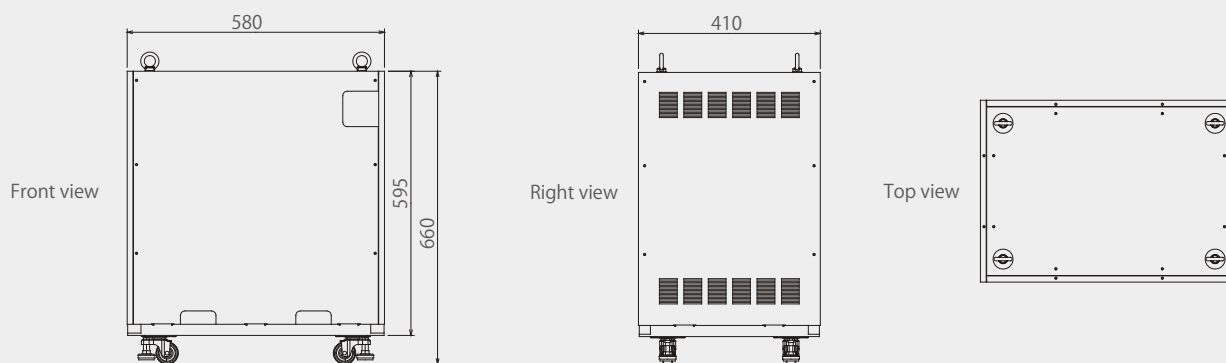
kV p Range/Steps	50 - 125 kV in 1 kV steps
kV p Accuracy	less than $\pm 3\%$
High Voltage Ripple	less than 10%p-p at 125kV/4mA
mA Range/Steps	0.5mA- 4mA

Pulsed Flouroscopy

kV p Range/ Steps	50-120kV
kV p Accuracy	less than 3%
Pulse Rates	1-15fps
Pulse Width	3-10msec

Options

ABC Interface	Available
AEC Interface	Available
Custom Interfaces	Available
Digital Imaging Interfaces (FPD)	Available
Dose Area Product (DAP) Interface	Available
Hand/ Foot Exposure Switch	Available
High Level Continuous Fluoroscopy	Available
High Level Pulsed Fluoroscopy	Available
Standard Console Wall Mount	Available



NOTES:

Power supply products listed on this catalogue are designed for medical systems. Users are responsible for the safety and reliability of an entire medical system. Please contact to our sales office for inquiries. The content may be revised at any time with or without notices.

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www.origin.co.jp/eng

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