2RH-19-001

MONO TANK X-RAY GENERATOR

ORX-2.0MG

MONO TANK X-RAY GENERATOR

2kW for C-arm X-ray mobile units



Highly Reliable High Voltage Generator

Succeeding our proven technology on "ORX-2.0MG ",
Origin shall guarantee you its dependability and quality.

- High-frequency inverter 100kHz
- Input AC 100V - 240V (±10%)
- Rise time < 1ms

Origin

ORX-2.0MG

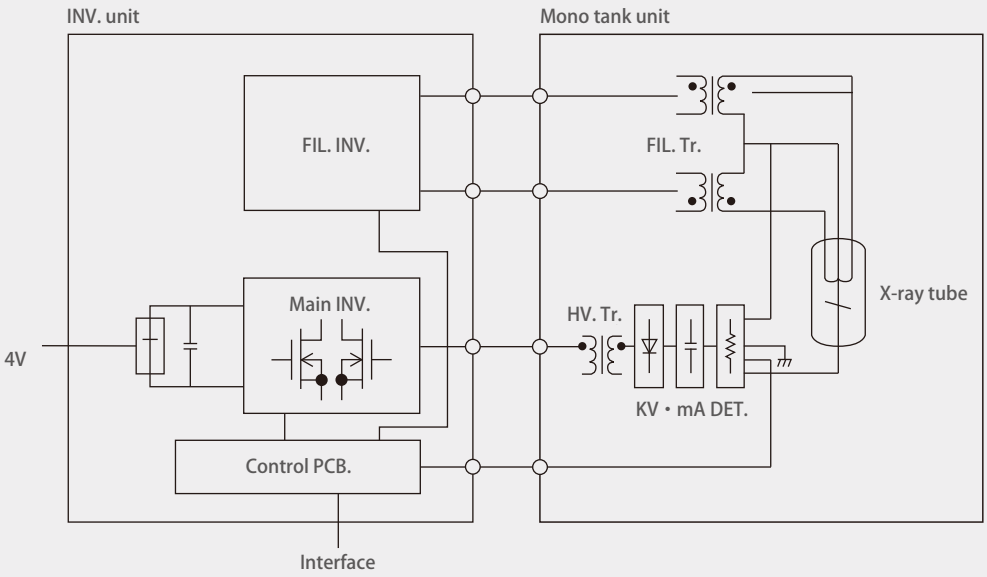
MONO TANK X-RAY GENERATOR

ORX-2.0MG

Use		Rad & Fluoro
Input		1Φ 90V - 264V
Control form		Inverter
Convension frequency		20 - 100kHz
Cooler		Inv.unit Forced air cooling HV.unit Natural air cooling
Rad mode	Output	2.1kW
	Voltage	40 - 110 kV
	Current	Max 30mA
	mAs	140mAs @110kV
	Ripple	Less than 3% @2.1kW
	Rise time	Less than 1msec
Flour mode		110kV, 5.5mA

X-ray tube

Anode type	Fixed anode
Voltage	100kV Nominal 121kV Maximum
Focal spot	0.6mm
Filament characteristic	3.7A
Target angle	9°
Anode heat storage capacity	60000J
Maximum anode cooling rate	600W
Nominal anode Input power at 0.1s (DC)	2020W
Inherent filtration	0.8mm AL



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.

www.origin.co.jp
www.origin.co.jp/eng

Origin Co., Ltd.

Technical Head Office 3-3-27, Sakawa, Sakura-ku, Saitama-shi, Saitama 338-0823, Japan
Tel +81-48-755-9011 **Fax** +81-48-755-9560
Sales Office 11-2, Shintoshin, Chuo-ku, Saitama-shi, Saitama 330-6013, Japan
Tel +81-48-711-4923 **Fax** +81-48-711-9198
Osaka Branch Office Rm.812, Osaka Ekimae No.4 Bldg,1-11-4-800, Umeda, Kita-ku, Osaka-shi, Osaka 530-0001, Japan **Tel** +81-6-6345-8866 **Fax** +81-6-6345-8854
Nagoya Branch Office 7th Floor, Bldg.No.2, Nagoya DAIYA Bldg., 3-15-1, Meieki, Nakamura-ku, Nagoya-shi, Aichi 450-0002, Japan **Tel** +81-52-569-1771 **Fax** +81-52-569-1766
Taiwan Branch 9F.,No.110,Fuxing Rd.,Taoyuan District,Taoyuan City 33066,Taiwan(R.O.C.)
Tel +886-3-332-6665 **Fax** +886-3-332-8609
Origin Manufactures Hong Kong Limited 1706-7 17/F, Saxon Tower, 7Cheung Shun Street, Kowloon, Hong Kong **Tel** +852-2314-8828
Origin KOREA Co.,Ltd Gasan W center No.301, 181, Gasan digital 1-ro, Geumcheon-gu, Seoul, 08503, Republic of Korea
Tel +82-2-6295-1192 **Fax** +82-2-6295-1194
Origin Electric America Co.,Ltd 3840 Carson Street Suite 216, Torrance, CA 90503, USA
Tel +1-310-540-6750 **Fax** +1-310-540-6376

2019.05