



BRG-200RC Line

Product Data **H. F. X-ray generator**

Advanced technology high frequency X-ray generator for general radiology and tomography.

Microprocessor-controlled unit, for safe and reliable operations.

MAIN FEATURES

- State-of-the-art in excess of 200 KHz + FET- based switching technology
- Maximum Power: 32kW, 40kW or 50kW
- External capacitors cabinet for power storage that compensates for the poorness of the main electrical supply. Maximum line current absorption 25A
- Low kV ripple, maximizes image quality by providing constant potential performance at a fraction of the cost of more expensive models
- Small, compact, light weight and high proven reliability units
- User-friendly units, with operative parameters selected and visualized on an ergonomic display
- Large technique selection:
 - 3-point. kV / mA / Time
 - 2-point. kV / mAs
 - 1-point. kV with AEC
 - Thickness mode. kV / part thickness
- APR with Part Body-Part Thickness mode. Possibility to select X-ray parameters in function of thickness of the Part Body examined.
- Simple-to-use APR operation, with manual override of technique factors
- Anatomical programs available in several languages and easily edited using the Operator Console
- Operator Control Console available with international symbols or text
- Automatic X-ray tube Calibration
- GenWare™ Service Software allows fast and easy set-up with extensive self-diagnostic





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TECHNICAL FEATURES

Cod.	BRG-200RC/32	BRG-200RC/40	BRG-200RC/50
Maximum Power	32 kW	40 kW	50 kW
kV range	40 ÷ 125 kV	40 ÷ 125 kV	40 ÷ 150 kV
mA range	10 ÷ 400 mA	10 ÷ 500 mA	10 ÷ 630 mA
mAs range Non-AEC	0.1 ÷ 400 mAs	0.1 ÷ 520 mAs	0.1 ÷ 630 mAs
High Voltage ripple	< 1 kV @100 kV		
Application	Radiographic		
Generator type	High Frequency in excess of 200 KHz +		
X-ray tube	<ul style="list-style-type: none"> • 1 • % HU readout • 2800 rpm(50 Hz) / 3300 rpm(60 Hz) • Automatic 		
APR	768 Exam techniques		
Technique selection	<ul style="list-style-type: none"> • 3-point. kV / mA / Time • 2-point. kV / mAs • 1-point. kV with AEC (Option) • Thickness mode. kV / Cm Thickness 		
Working places selectable (image receptor)	2 Bucky - 1 non Bucky		
APR languages	Yes		
Power supply	<ul style="list-style-type: none"> • Single phase 208/230 Vac • 25A • 0.06Ω 		
OPTIONS			
AEC interface	Yes		
Exposure hand switch	Yes		
Console pedestal	Yes		
DAP (Dose Area Product)	Values displayed in mGycm ²		



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