



POWERAY G 300,320,500 C

System generator for radiography



New x-ray generator generation with state-of-the art Microprocessor control, especially designed for radiography application.

- Minimum patient dose levels
- Precise and accurate parameter setting
- Excellent image quality
- Easy and intuitive
- AEC and organ programs

Basic configurations				
G 330 C	30 KW (single phase)	400 mA max.	AEC option	Dose area measurement & display (option)
G 320 C	32 KW	400 mA max.	AEC option	Dose area measurement & display (option)
G 500 C	50 KW	600 mA max.	AEC option	Dose area measurement & display (option)

Features

- Family concept ranging from 30,32,to 50 KW
- 100 KHz Inverter High frequency technology
- Compact, attractive , modular design
- Constant falling load to ensure shortest exposure time
- LCD display for all exposure parameters
- Organ programs with ,Over-ride function‘
- Time and mAs-limits selectable with bei AEC operation
- Integrated check-out system with display of errors on operating console to support the operator and the service engineer
- Serial RS 232 interface for PC connection
- Parameter adjustments acc. to IEC standards
- Integrated measuring device for Dose area product (DAP) and integrated display on generator panel (option)

Technical data			
Application	Radiography	Radiography	Radiography
Technology	High Frequency 100 KHz	High Frequency 100 KHz	High Frequency 100 KHz
KV adjustment	40-125 KV	40-125 KV	40-150 KV
mA adjustment	25-400 mA	25-400 mA	25-600 mA
Starter	normal	normal	normal
Power line	1 phase, 208/230 V AC	3 phases, 400/480 V AC	3 phases, 400/480 V AC
Ripple	<1KV at 100 KV	<1KV at 100 KV	<1KV at 100 KV
Tube assemblies	1 tube with Dual focus spot	1 tube with dual focus spot	1 tube with dual focus spot
Autom. tube calibration	yes	yes	yes
Exposure time	0,001-6,3 sec.	0,001-6,3 sec.	0,001-6,3 sec.
Organ programs	768 individual setting	768 individual settings	768 individual settings
Language for programming	5 for selection	5 zur Auswahl	
mAs range w/o. AEC	0,4-500 mAs	0,4-500 mAs	0,4-500 mAs
No. of workstations	2x Bucky, 1x direct	2x Bucky, 1x direct	2x Bucky, 1x direct
Exposure mode	1.KV + AEC option 2.KV + mAs 3.KV + mA + time	1.KV + AEC option 2.KV + mAs 3.KV + mA + time	1.KV + AEC option 2.KV + mAs 3.KV + mA + time
Options			
AEC Interface	Automatization Chambers or solid state detector	Automatization Chambers or solid state detector	Automatization Chambers or solid state detector
Operating console with stand	Incl.	Incl.	Incl.
Wall console	option	option	option
Integrated service check-out system	Incl.	Incl.	Incl.

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