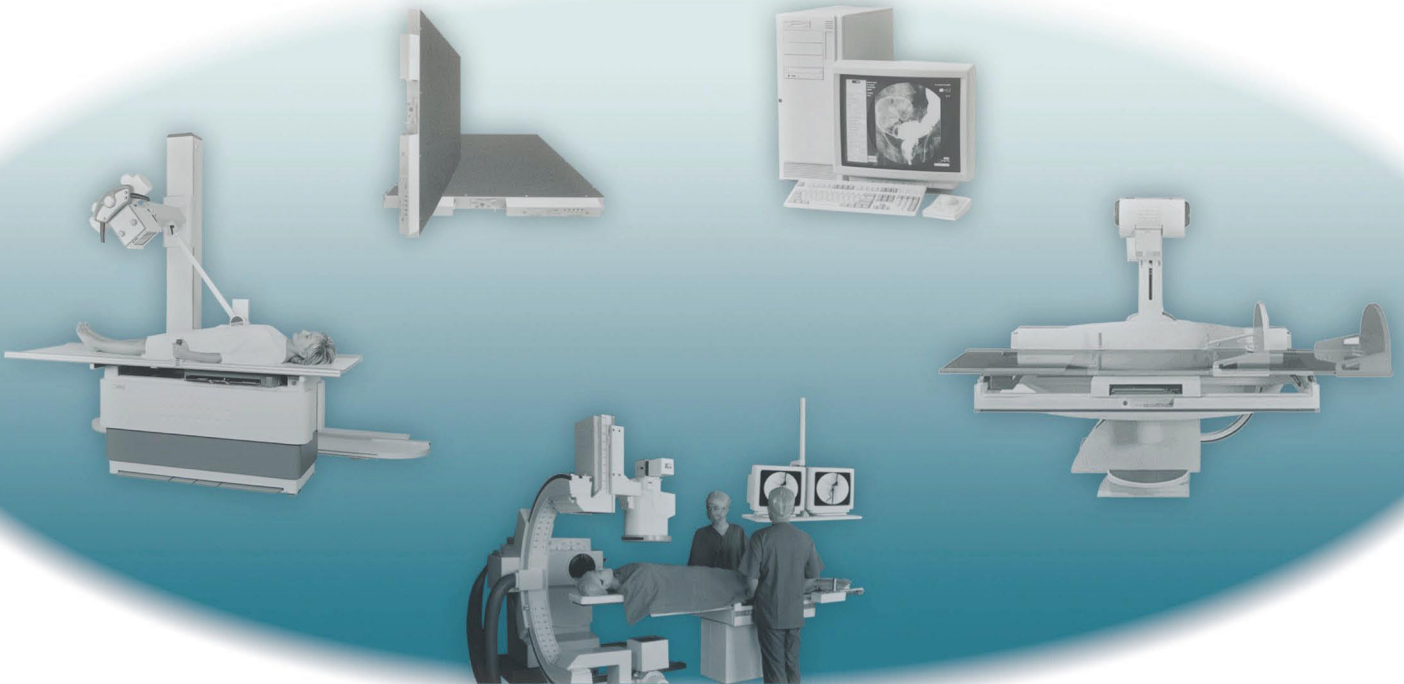




## High Frequency X-ray Generators **SHFR SERIES**



# High Frequency X-ray Generators

## LINE POWERED

### SPECIFICATIONS

#### 1 Tube

CONSTANT POTENTIAL POWER RATINGS	32 kW SHFR 300	40 kW SHFR 400	50 kW SHFR 500	65 kW SHFR 600	80 kW SHFR 800
RADIOGRAPHIC kVP RANGE IN 1 kVP STEPS	40 - 125/150	40 - 125/150	40 - 125/150	40 - 125/150	40 - 150
ACCURACY	± (3%+1 kV)	± (3%+1 kV)	± (3%+1 kV)	± (3%+1 kV)	± (3%+1 kV)
MA RANGE & STATIONS	10, 12.5, 16, 20, 25, 32 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400	10, 12.5, 16, 20, 25, 32 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400 500	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400 500, 640	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500, 630 (**)	10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500, 640, 800 (**) <b>1000 optional</b>
ACCURACY	± (4%+1 mA)	± (4%+1 mA)	± (4%+1 mA)	± (4%+1 mA)	± (4%+1 mA)
POWER OUTPUT	400 mA @ 80 kVP 320 mA @ 100 kVP 250 mA @ 128 kVP 200 mA @ 150 kVP	500 mA @ 80 kVP 400 mA @ 100 kVP 320 mA @ 125 kVP 250 mA @ 150 kVP	630 mA @ 79 kVP 500 mA @ 100 kVP 400 mA @ 125 kVP 320 mA @ 150 kVP	630 mA @ 103 kVP 500 mA @ 125 kVP 400 mA @ 150 kVP	800 mA @ 100 kVP 640 mA @ 125 kVP 500 mA @ 150 kVP
EXPOSURE TIME RANGE	0.001 - 10 seconds	0.001 - 10 seconds	0.001 - 10 seconds	0.001 - 10 seconds	0.001 - 10 seconds
ACCURACY	±(2%+0.1 ms)	±(2%+0.1 ms)	±(2%+0.1 ms)	±(2%+0.1 ms)	±(2%+0.1 ms)
MAS RANGE (*)	0.1 - 500 mAs (***)	0.1 - 500 mAs (***)	0.1 - 500 mAs (***)	0.1 - 500 mAs (***)	0.1 - 500 mAs (***)
HIGH VOLTAGE RIPPLE (TYP)	<1 kVP @ 100 kVP	<1 kVP @ 100 kVP	<1 kVP @ 100 kVP	<1 kVP @ 100 kVP	<1 kVP @ 100 kVP
AUTOMATIC EXPOSURE CONTROL	Optional	Optional	Optional	Optional	Optional
TOMO	Optional	Optional	Optional	Optional	Optional
BUCKYS (2 UNITS STANDARD)	Optional up to 4	Optional up to 4	Optional up to 4	Optional up to 4	Optional up to 4
ANATOMICAL PROGRAMMING	Optional	Optional	Optional	Optional	Optional
INTEGRATED High and Low Speed Starter	Standard	Standard	Standard	Standard	Standard
FLUOROSCOPIC kVP RANGE IN 1 kVP STEPS	40 - 120	40 - 120	40 - 120	40 - 120	40 - 120
ACCURACY	±(3%+1kV)	±(3%+1kV)	±(3%+1kV)	±(3%+1kV)	±(3%+1kV)
FLUOROSCOPY	AT 50Hz AT 60 Hz	AT 50Hz AT 60 Hz	AT 50Hz AT 60 Hz	AT 50Hz AT 60 Hz	AT 50Hz AT 60 Hz
FIXED PPS	50 PPS 60 PPS	50 PPS 60 PPS	50 PPS 60 PPS	50 PPS 60 PPS	50 PPS 60 PPS
VARIABLE PPS (OPTIONAL)	1, 5 1, 3, 6, 12.5, 25 15, 30	1, 5 1, 3, 6, 12.5, 25 15, 30	1, 5 1, 3, 6, 12.5, 25 15, 30	1, 5 1, 3, 6, 12.5, 25 15, 30	1, 5 1, 3, 6, 12.5, 25 15, 30
AUTOMATIC BRIGHTNESS CONTROL	Optional	Optional	Optional	Optional	Optional
3/2 POINT OPERATION CONSOLE	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional	3 P. Standard/2 P. Optional
DIGITAL IMAGE SYSTEM INTERFACE	Optional	Optional	Optional	Optional	Optional
LINE VOLTAGE RANGE (VAC) AND PHASES	220/230/240/400/415/440/480 Single Phase/Three phase	220/230/240/400/415/440/480 Single Phase/Three phase	220/230/240/400/415/440/480 Single Phase/Three phase	400/415/440/480 Three phase	400/415/440/480 Three phase
AUTOMATIC LINE COMPENSATION	± 10%	± 10%	± 10%	± 10%	± 10%
MINIMUM POWER LINE REQUIREMENTS ACCORDING TO IEC 60601-1					

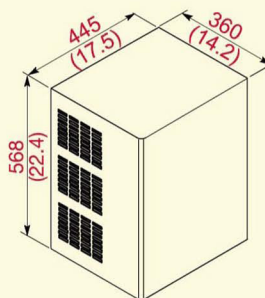
(\*) 1000 mA - option  
 (\*\*) 630, 640, 650 mA - selectable  
 (\*\*\*) Other mAs - on request

### DIMENSIONS

#### POWER CABINET

**Rad / R&F**  
**1 Tube**  
**32 - 80 kW**

**Net Weight = 65 Kg**  
**143 lbs**



V2-01-15

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