

## HIGH FREQUENCY GENERATOR

Anatomical selection mode (available with models L550, 03900 & 03901 only) provides pre-programmed technique factors based upon patient anatomy, selecting the highest available mA for the shortest available exposure time.

### ELECTRICAL SPECIFICATIONS

Characteristic	20kW	30kW	42kW, 1PH	42kW, 3PH	52kW 3PH
kVp Range	40-125 kVp	40-125 kVp	40-125 kVp	40-125 kVp	40-125 kVp
mA Range	50-300 mA	50-300 mA (500 mA optional)	50-500 mA	50-500 mA	50-500 mA
mAs Range	0.5-400 mAs	0.5-400 mAs	0.1-600 mAs	0.1-600 mAs	0.1-600 mAs
Line Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated Line Voltage (Nominal)	240VAC, 1-phase	240VAC, 1-phase	240VAC, 1-phase	240VAC, 3-phase	240VAC, 3-phase
Alternate Line Voltages	200-240VAC	230-250VAC (also, see note 1)	200-240VAC	230-250VAC (also, see note 2)	230-250VAC (also, see note 2)
Long Time Line Current	3A @ 240VAC 1-phase	3A @ 240VAC 1-phase	3A @ 240VAC 1-phase	3A @ 240VAC 3-phase	3A @ 240VAC 3-phase
	3.5A @ 208VAC 1-phase	3.5A @ 208VAC 1-phase	3.5A @ 208VAC 1-phase	3.5A @ 208VAC 3-phase	3.5A @ 208VAC 3-phase
Max. allowed voltage drop at full load	5%	5%	5%	5%	5%
Aux. power supplies provided (see note 4)	24VAC @ 7A for Collimator & 24VDC @ 5A, for electric locks	24VAC @ 7A for Collimator & 24VDC @ 5A, for electric locks	24VAC @ 7A for Collimator & 24VDC @ 5A, for electric locks	24VAC @ 7A for Collimator & 24VDC @ 5A, for electric locks	24VAC @ 7A for Collimator & 24VDC @ 5A, for electric locks

- Notes:
1. 200-229VAC single-phase operation requires step-up line match transformer #L246
  2. 200-229VAC & 380-480VAC 3-ph operation requires step-up/down line match transformer #03902
  3. "RUN" is defined as length of wire between the building's main incoming electrical panel and the service disconnect switch in the X-ray room.
  4. The generator does not provide 110/120 VAC supply

**Additional Electrical Specs for Summit HF Generators**

Generator Model	Line Voltage & Phase	Line Match Transformer (LMT)	Max. Momentary Line Current	Recommended Copper wire size (AWG) for branch circuit based on length of "run" (mains to Emergency Disconnect Sw.)			Minimum Rating of Over-current Protection (Time Delayed)	Minimum Rating of Distribution Transformer
				For 10'-50' run	For 51'-100' run	For 101'-200' run		
20kW	208V, 1PH	No	139	#4	#1	#000	70A	25kVA
	240V, 1PH	No	120	#4	#1	#000	60A	25kVA
30kW	208V, 1PH	Yes	230	#2	#0	#0000	115A	37.5kVA
	240V, 1PH	No	200	#2	#00	250MCM	100A	37.5kVA
40kW	208V, 3PH	Yes	192	#2	#0	#0000	100A	50kVA
	240V, 3PH	No	154	#4	#1	#000	75A	50kVA
	480V, 3PH	Yes	84	#6	#4	#1	45A	50kVA
42kW	208V, 1PH	No	345	#0	#0000	400MCM	175A	52kVA
	240V, 1PH	No	300	#0	#0000	350MCM	150A	52kVA
	208V, 3PH	Yes	173	#2	#0	#0000	90A	52kVA
	240V, 3PH	No	150	#4	#1	#000	75A	52kVA
	480V, 3PH	Yes	75	#6	#4	#1	40A	52kVA
50kW	208V, 3PH	Yes	240	#2	#00	#0000	120A	62.5 kVA
	240V, 3PH	No	192	#4	#1	#000	100A	62.5kVA
	480V, 3PH	Yes	104	#6	#4	#1	60A	62.5kVA
52kW	208V, 3PH	Yes	196	#2	#00	250MCM	100A	65kVA
	240V, 3PH	No	170	#2	#0	#0000	85A	65kVA
	480V, 3PH	Yes	85	#6	#2	#0	45A	65kVA

**ENVIRONMENTAL REQUIREMENTS (OPERATING)**

Ambient temperature range: 50°F (10°C) to 104°F (40°C)  
 Relative humidity range: 30% to 75%  
 Atmosphere pressure range: 20.67 inHg (700 hPa) to 31.30 inHg (1060 hPa)

**SHIPPING INFORMATION**

CONTENTS	DIMENSIONS (on pallet)	WEIGHT
Console & Power Module	32" width, 28" depth, 42" height	215 lbs.

**COMMUNICATION CABLES**

Communication Cables (from Console to Power Module)	(2) 50' standard, 1.5" conduit required
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Specifications subject to change without notice.

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