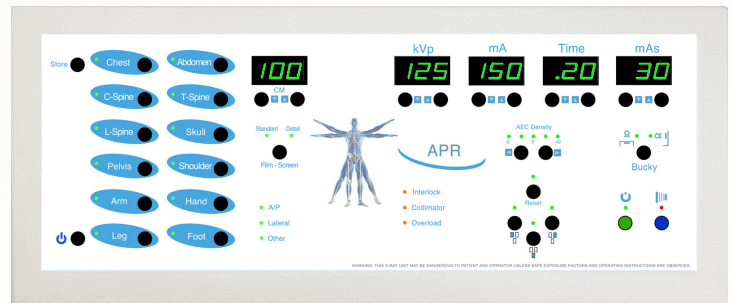
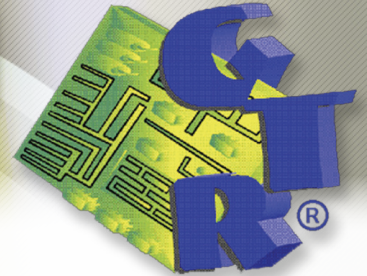


PATRIARCH

High Frequency X-ray Generator



Features:

- Excellent Accuracy, Reproducibility and Linearity
- Automatic Calibration
- Pulse Width Modulated with Closed Loop Feedback
- Self Diagnostics with Error Code Reporting
- Low Speed Rotor
- APR Console included
- Bucky Control included
- Automatic Line Compensation
- Large X-ray Tube Library
- Software Configurable
- ISO 9001:2000 with Design, CE Mark and UL 2601 Certification
- FDA Approved

Options:

- Automatic Exposure Control (AEC)
- Pedestal Console Stand
- High Speed Starter

ISO 9001:2000
w/ Design
UL 2601

GTR LABS, Inc.
www.gtrllc.com



Specifications:

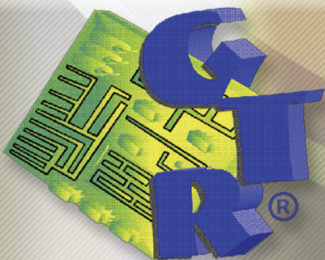
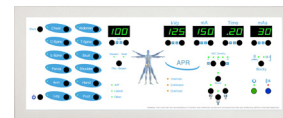
Model	Patriarch 400T	Patriarch 500T	Patriarch 600T	Patriarch 700T
Power Rating	37.5 kW	40.0 kW	50.0 kW	60.0 kW
Line Voltage	1 Phase, 240 VAC 3 Phase 240 VAC	3 Phase 240 VAC		
Line Voltage Range	+/- 10% (50/60 Hz)			
Circuit Breaker Size	75 Amp	100 Amp		
Wire Type/ Size	Stranded Copper #2 Wire for runs less than 50 feet, #0 Wire for runs more than 50 feet			
Power Line Requirements	0.30 Ohms or less			
kVp Range	40 to 125 kVp in 1 kVp steps	40 to 150 kVp in 1 kVp steps		
mA Range	25 to 400mA	25 to 500mA	25 to 600mA	
Timer Range	.002ms to 6 sec.			
Max Power Output	37.5 kW 300mA @ 125 kVp 400mA @ 90 kVp	40.0 kW 250mA @ 150 kVp 300mA @ 140 kVp 400mA @ 100 kVp 500mA @ 80 kVp	50.0 kW 300mA @ 150 kVp 400mA @ 125 kVp 500mA @ 100 kVp	60.0 kW 400mA @ 125 kVp 500mA @ 120 kVp 600mA @ 100 kVp
Technique Selection	4 Point Display (kVp, mA, Time, mAs)			
Auxiliary Power Supply	Collimator Lamp Supply Magnetic Lock Supply			
Bucky Control	Included Bucky 1 and Bucky 2 Selectable			
AEC	Optional to Control 3 Ion Chambers			

Dimensions:

Cabinet:
45" x 27" x 14"



Console:
8.5" x 20" x 4.5"



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