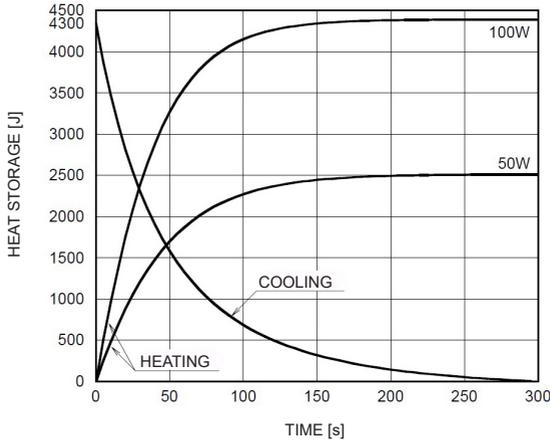


Characterization of X-radiation emitter-array



11.7. X-RAY TUBE

GENERAL INFORMATION		
Manufacturer	CANON	KAILONG
Model	E7695	KL11-0.4-70
Maximum operating voltage	70 kVp	70 kVp
Focus size	0.4mm	0.4mm
Anode angle	12.5°	12°
Equivalent filtration	1.0 mm Al equiv. @ 70kV	0.8 mm Al equiv. @ 75kV
Anode material	Tungsten	Tungsten
Anodic input power	430 W	600 W
Thermal capacity	4.3 kJ	4.5 kJ
Maximum thermal capacity and cooling curve	Refer to anode thermal characteristics graph	Refer to anode thermal characteristics graph
Maximum current	9 mA	12 mA
Maximum filament current	3 A	2.9 A
Frequency	Continuous Current	Continuous Current
Maximum continuous thermal dissipation	100 W	110 W