














Table 1: Tabulated MTI Dental Sintering Furnaces

Model	Chamber dimension L x W x H	Volume	Heating rate	Working temperature	Features	Item image
KSL-1500X-S	4.7" x 4.7" x 4.7"	1.7L	Max: 20°C/min	Max: 1500°C (< 1 hour) Cont: 1400°C	Heating element: SiC	 
KSL-1700X-KS	4.7" x 4.7" x 4.7"	1.7L	Max: 20°C/min	Max: 1750°C (< 2 hours) Cont: 1720°C	Heating element: Kathal Super 1800 grade MoSi <sub>2</sub>	 
KSL-1700X-KA	6.3" x 5.9" x 5.9"	3.6L	Max: 20°C/min	Max: 1750°C (< 3 hours) Cont: 1700°C	Heating element: Kathal Super 1800 grade MoSi <sub>2</sub>	 

KSL-1800X- KA-UL	6.3" x 5.9" x 5.9"	3.6L	Max: 10°C/min	Max: 1800°C (< 1 hour) Cont: 1750°C	Heating element: Kathal Super 1900 grade MoSi <sub>2</sub>	 
KSL-1800X- A1-W	6.3" x 5.9" x 5.9"	3.6L	Max: 10°C/min	Max: 1800°C (< 1 hour) Cont: 1750°C	Heating element: Kathal Super 1900 grade MoSi <sub>2</sub>	
KSL-1700X- KA2	8" x 8" x 8"	8.4L	Max: 5°C/min	Max: 1750°C	Heating element: Kathal Super 1800 grade MoSi <sub>2</sub>	 

Model	Working tube dia.	Heating rate	Working temperature	Features	Item image
GSL-1700X-HV	82mm OD x 73mm ID	5°C/min (above 1200°C) 10°C/min (below 1200°C)	Max: 1700°C (< 1 hour) Cont: 1600°C	CE Certified Tube Furnace with High Vacuum System	 
GSL-1700X-PRY-UL-LD	82mm OD or 101mm OD	5°C/min (above 1200°C) 10°C/min (below 1200°C)	Max: 1700°C (< 1 hour) Cont: 1600°C	CE Certified Tube Furnace with Precision Vacuum Pressure Regulating System	