

Parameter of AGT-S



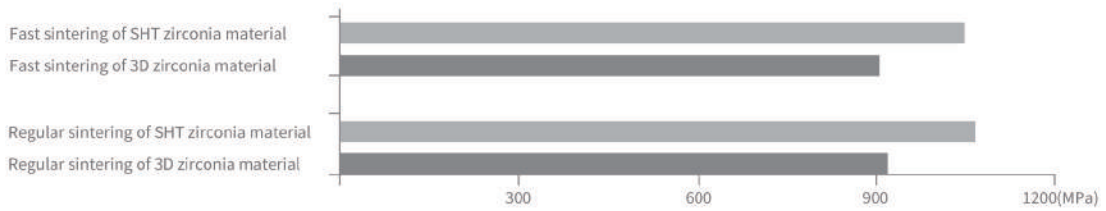
Model	AGT-S
Equipment size (W*H*D)	580*330*700 mm
Hearth size	φ90*H100mm
Net weight	40kg
Power	220V/50Hz
Rated power	2.5KW
Heating elements	Silicon carbon rod 3 Pcs
Sintering mode	Fast sintering Regular Sintering
Fastest sintering time	2.5h
Maximum number of sintered crowns (max)	Thirty Pcs
Sintering curve	Twenty curves

Parameter of AGT-L



Model	AGT-L
Equipment size (W*H*D)	590*350*700 mm
Hearth size	φ110*H100mm
Net weight	45kg
Power	220V/50Hz
Rated power	2.5KW
Heating elements	Silicon carbon rod 3 Pcs
Sintering mode	Fast sintering Regular Sintering
Fastest sintering time	3.5h
Maximum number of sintered crowns (max)	Seventy Pcs
Sintering curve	Twenty curves

Effect of fast sintering on strength and translucency of zirconia material

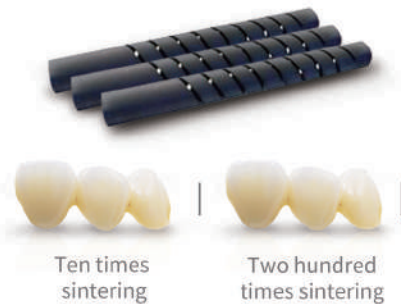


	Translucency of SHT (A2)	Translucency of 3D first layer (A2)	Translucency of 3D sixth layer (A2)
Cameo Sic fast sintering furnace	46.0%±0.5%	57.0%±0.3%	42.9%±0.6%
Aidite regular sintering furnace	45.5%±0.0%	57.0%±0.5%	43.0%±0.3%

Fast sintering causes no adverse effects on the strength and translucency of zirconia material.

Effect of high purity silicon carbon elements on teeth sintering

	Color	ΔL	Δc	Δh
Ten times sintering	A3	0.7	0.7	0.6
Two hundred times sintering	A3	0.7	0.7	0.6



Note: ΔL value stands for brightness Δc value stands for saturation Δh value stands for tone

High purity silicon carbon elements cause no pollution on zirconia material.

Twenty curves for setting, free to switch between fast sintering and regular sintering.

