stomdevice

cameo®

Sic Zirconia Fast Sintering Furnace

AGT-S / AGT-L



No pollution
Compatible with fast and regular sintering
Twenty sintering curves

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

cameo®

Parameter of
AGT-S



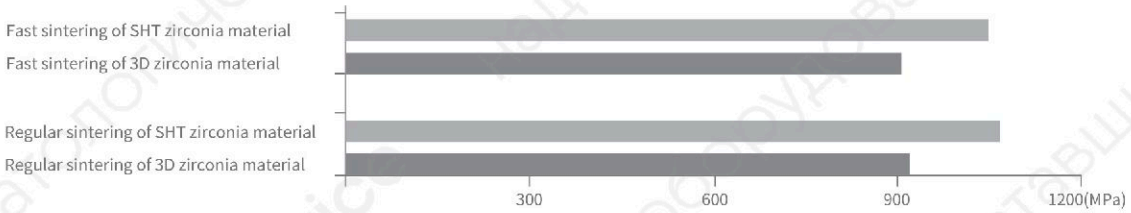
Modle	AGT-S
Equipment size (W*H*D)	580*330*700 mm
Hearth size	φ90*H100mm
Net weight	40kg
Power	220V/50Hz
Rated power	2.5KW
Heating elements	Silicon carbon rod 3 Pcs
Sintering mode	Fast sintering Regular Sintering
Fastest sintering time	2.5h
Maximum number of sintered crowns (max)	Thirty Pcs
Sintering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

Parameter of
AGT-L



Modle	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

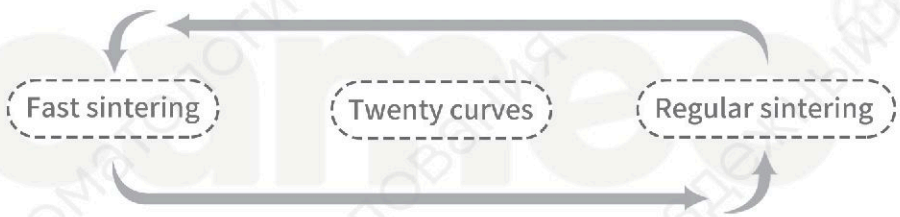


Ten times sintering　　Two hundred times sintering

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.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ