

VITA YZ® MULTI TRANSLUCENT – important sintering parameters

VITA YZ MULTI TRANSLUCENT Universal for VITA ZYRCOMAT 6000/6100MS (incl. esthetic cooling)*															
T ₀ [°C]	R ₁ ↗ [°C/min]	T ₁ [°C]	H ₁ → [min]	R _{c1} ↘ [°C/min]	T _{c1} [°C]	H _{c1} → [min]	Lift _{c1} [%]	R _{c2} ↘ [°C/min]	T _{c2} [°C]	H _{c2} → [min]	Lift _{c2} [%]	R _{c3} ↘ [°C/min]	T _{c3} [°C]	H _{c3} → [min]	Lift _{c3} [%]
≤ 200	17	1450	30	-	1350	15	100	-	1050	15	100	-	200	-	100

* Light-colored and delicate restorations do not necessarily have to be cooled slowly.

VITA YZ MULTI TRANSLUCENT Speed for VITA ZYRCOMAT 6000/6100MS**																		
T ₀ [°C]	R ₁ ↗ [°C/min]	T ₁ [°C]	H ₁ → [min]	R ₂ ↗ [°C/min]	T ₂ [°C]	H ₂ → [min]	R _{c1} ↘ [°C/min]	T _{c1} [°C]	H _{c1} → [min]	Lift _{c1} [%]	R _{c2} ↘ [°C/min]	T _{c2} [°C]	H _{c2} → [min]	Lift _{c2} [%]	R _{c3} ↘ [°C/min]	T _{c3} [°C]	H _{c3} → [min]	Lift _{c3} [%]
200	90	800	5	50	1450	30	-	750	-	100	-	600	-	70	-	400	-	40

** In the case of extensive and/or chromatic restorations, slow cooling is recommended. (see 4.3.1)

Slow cooling generally results in a more intense color.

VITA YZ MULTI TRANSLUCENT Universal for other dental furnaces***											
T ₀ [°C]	R ₁ ↗ [°C/min]	T ₁ [°C]	H ₁ → [min]	R _{c1} ↘ [°C/min]	T _{c1} [°C]	H _{c1} → [min]	Lift _{c1} [%]	R _{c2} ↘ [°C/min]	T _{c2} [°C]	H _{c2} → [min]	Lift _{c2} [%]
≤ 200	17	1520	30	-5	1000	-	100	-	200	-	100

*** Light-colored and delicate restorations do not necessarily have to be cooled slowly.

VITA YZ MULTI TRANSLUCENT for industrial furnaces																		
T ₀ [°C]	R ₁ ↗ [°C/min]	T ₁ [°C]	H ₁ → [min]	R ₂ ↗ [°C/min]	T ₂ [°C]	H ₂ → [min]	R _{c1} ↘ [°C/min]	T _{c1} [°C]	H _{c1} → [min]	Lift _{c1} [%]	R _{c2} ↘ [°C/min]	T _{c2} [°C]	H _{c2} → [min]	Lift _{c2} [%]	R _{c3} ↘ [°C/min]	T _{c3} [°C]	H _{c3} → [min]	Lift _{c3} [%]
≤ 200	17	1150	30	8	1520	30-60****	-	1350	15	100	-	1050	15	100	-	200	-	100

**** Depending on the total load of the furnace, a longer holding time is recommended

VITA YZ MULTI TRANSLUCENT for industrial furnaces alternatively (if regulated cooling is possible)																	
R _{c1} ↘ [°C/min]				T _{c1} [°C]				H _{c1} → [min]				Lift _{c1} [%]					
-5				1000				-				100					

Note

- Large and massive bridges should cool off as slowly as possible with a closed chamber in order to prevent any stress cracks from occurring. This must be programmed in the furnace.
- Single tooth crowns and small, thin anterior bridges can be cooled in a shorter time.
- You can find information on operating the VITA ZYRCOMAT 6000 MS/6100 MS in instructions for use no. 1859.
- VITA does not grant a warranty or accept any liability for damage resulting from processing VITA YZ materials in furnaces from other manufacturers.
- The respective manufacturer's specifications must be observed.