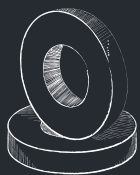


Sintering step by step

Optimal preparation and adjustment of the sintering furnace

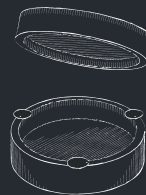
What you need:



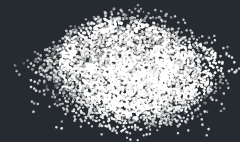
1 PTC-Ring



2 priti®clean cleaning powder

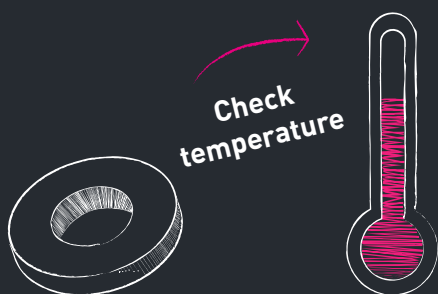


3 Sinter bowl with cover

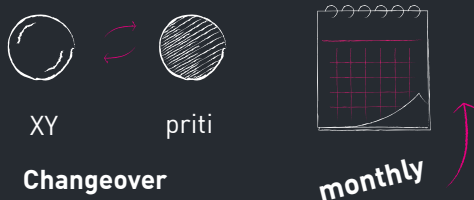


4 priti®pearl

1) Furnace calibration



2) Cleaning the furnace with priti®clean



3) Preparing the sinter bowl



If you have used dyeing liquids, please fire with priti®clean to purify the furnace. Additionally change the sintering beads.

priti sintering programs

	Standard 7 hours	Rapid sintering 4 hours	Speed sintering 1 hour
Heat-up rate	8-10 °C / min.	10 °C / min.	99 °C / min.
Final temp.	1.450 °C	1.500 °C	1.550 °C
Hold time	120 min.	30 min.	5 min.
Heat down rate	8-10 °C / min.	40 °C / min.	40 °C / min.*
Limitations	none	3-unit bridges	for single crowns only and limited to priti®multidisc ZrO ₂ Extra Translucent

*Cooling down to 800 °C, open the furnace door at 750 °C



priti likes to be alone in the furnace!

Simultaneous sintering with ZrO₂ from others can influence the coloration.

Large restoration, high caution!

- 8 °C / min. heating up and heating down rate
- Do not open the furnace before 300 °C
- Do not remove the cover of the bowl until you can do it by hand
- Do not place the restoration on metal
- Do not touch with metal (tweezers)

Alternative pre-set sintering programs

	ZIRKONZAHN 8 hours	ZIRKONZAHN 4:40 hours	Amann Girrbaach 8 hours
Program	ICE Standard	ICE Speed	Program 1
Final temp.	1.500 °C	1.500 °C	1.500 °C
Hold time	120 min.	60 min.	120 min.
Limitations	none	3-unit bridges	none