

SINTRA PLUS

The ultimate in sintering ZrO_2



High-precision sintering



Fast sintering cycles *



1650°C



Automatic degassing



Complete recovery



10-step programming



Active cooling

With the SINTRA PLUS, current sintering programs of most ceramic manufacturers are configured and already pre-programmed.

Thanks to its innovative features, the Sintra Plus is one of the most advanced sintering furnaces for the dental laboratory:



- ✓ The unique degassing function improves sintering quality and deters possible contamination from Zr colorants during the sintering process. An added benefit is the increase in translucency.
- ✓ An active cooling, an extra-long cooling parameter with a negative temperature ramp, as specified by specific material manufacturers.

The ultimate in sintering ZrO₂

FUNCTIONS AND BENEFITS

- Intuitive, digital and full color display
- Simultaneous sintering of up to 80 restorations
- 250 customizable sintering programs
- USB port
- Acoustic signals alert you to the oven status
- 1-year warranty

FAST SINTERING

Fast cycles for maximum efficiency in minimum time. The SINTRA PLUS has 50 programs for rapid sintering of ZrO₂.

INTEGRATED PROGRAMS

Pre-programmed firing programs of many zirconia manufacturers allow a trouble-free and speedy operation

10 STEPS FULLY PROGRAMMABLE

All parameters, even the preprogrammed cycles, can be modified, adjusted and changed according to existing or future ZR materials, such as: different temperatures, different delays and different ramps.

DEGASSING

Degassing phase is carried out at a temperature of up to 1300°C / 2372°F to remove impurities from the combustion chamber. The degassing phase is achieved by an automatic adjustment of the lift movement. The degassing process is important to extend the life cycle of the muffle and to ensure the repeatability of the sintering process.

With over 30 years' experience in dental technology industry, ShenPaz is continuously committed to the development of state-of-the-art products.

TECHNICAL SPECIFICATIONS

Max. Temperature	1800 °C
Max. Sintering temperature	1650 °C
Number of programs	250
Temperature ramp *	1 bis 70 °C
Programmable steps	1 bis 10
Acoustic signal	V
Weight (kg)	60 kg
Width x height x depth (cm)	37x75x43
USB port	V
Max. Power consumption	1,5 kW
Cylindrical chamber	Ø95 mm x 100 mm
Power supply:	
100 V 50/60Hz, 15 Amp	✓
115 V 50/60Hz, 15 Amp	✓
230 V 50/60Hz, 8 Amp	✓
One-year warranty	✓

* Depending on the temperature in the sintering chamber

DELIVERY:

- 1 basic unit
- 1 power cord
- 1 sinter table
- Get started sintering kit
- 1 user manual
- 1 lifting wrench

Safety information

Sintra Plus Complies to the following standards:
ANSI/UL 61010-1-2008, 2nd Edition
CAN/CSA-C22.2 61010-1:2004
IEC61010-2-010:2003
CAN/CSA-C22.2 61010-2:010:04

Radiation protection /
electromagnetic compatibility
EMC tested

