



Sintra PRO

Fast sintering
at your fingertips

Safety information

SINTRA PRO 90zr and 120zrf
IEC 61010-1 3rd ed.2010, IEC/EN
61010-2-010-2014, UL 61010-1 3rd ed.
2012, CAN/CSA-C22.2 no. 61010-1-12,
UL 61010-2-010:2015-01-15, ISO
12100:2010

Radio protection /
Electromagnetic compatibility

EMC tested

With over 30 years of experience, ShenPaz is committed to design and manufacture the best dental furnaces by incorporating its know-how of the industry and its alertness to market trends and newest technologies.

Shenpaz Dental Furnaces

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SINTRA PRO 90zr and 120zrf are at the forefront of the rapid evolution of zirconia.

TECHNOLOGY



Open programming options

Unlimited choices of heating, cooling stages and holding durations provide a host of programming capabilities. The furnace is universally compatible to a wide variety zirconia.



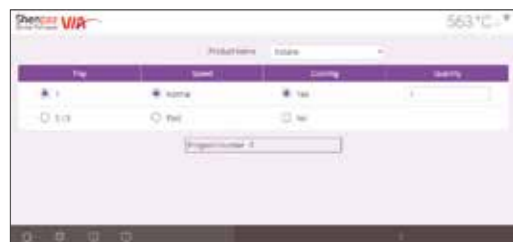
The visuals

It's all about accessibility and intuitiveness. The full touch 7" LCD screen is user friendly with a superbly comfortable interface for easy programming. The furnace can be remotely monitored and operated from PC, smartphone and tablets.



Interactive Graph Screen

Multi-stage program is interactively illustrated on the graph and the cycle's elapsed time is visually indicated by color change.



VIA inside

VIA is a bridge to simple sintering option. This programming methodology was designed to assist the operator of the furnace by recommending the most adequate sintering program.

FEATURES

✓ The Fast cycle

Fast cycles for maximum efficiency in minimum time. SINTRA PRO 90zr tested and validated fast 90 minutes with Katana™ by Noritake®. SINTRA PRO 120zrf is designed to deliver an **Ultra-fast** cycle by 30%.

* Subject to the material being sintered, the sintering time can be relatively shortened.

✓ The degassing

Degassing, a unique Shenpaz feature provides a proven protective function of the muffle. The degassing process is important in extending the life cycle of the muffle and to assure high repeatability and quality of the sintering process.

✓ The capacity

SINTRA PRO 90zr and 120zrf are supplied with one sintering tray. SINTRA PRO 90zr capacity from 30 units per tray to 90 units in 3 stackable trays. SINTRA PRO 120zrf capacity from 40 units per tray to 120 units in 3 stackable trays and full discs of 98mm.

✓ The Connectivity

Connectivity via **WiFi** links to our platform for connecting with devices for online operation and monitoring of the furnace. This connectivity also provides service applications such as online upgrades of software versions, program downloads and system diagnostics.

✓ The Recovery

The furnace will automatically recover in the event of electrical failure.

TECHNICAL DATA

	SINTRA PRO 90zr	SINTRA PRO 120zrf
Max temperature	1800°C	1800°C
Max sintering temperature	1650°C	1650°C
Temperature ramp*	1 to 70C	1 to 70C
Programmable steps	unlimited	unlimited
Number of programs	unlimited	unlimited
Acoustic signal	✓	✓
Weight	67 Kg	68 Kg
Width x Height x Depth (cm)	45 x 75 x 45	45 x 75 x 45
Net port connection	✓	✓
Power consumption	1.5 kW	2 kW
Cylindrical sintering chamber net dimensions	Ø 90mm X 100mm	Ø 120mm X 100mm
Power availability:		
115v 50/60Hz	✓	
230v 50/60Hz	✓	✓
1 Year warranty	✓	✓
USB	✓	✓
Max Capacity	90	120
Sintering Table	standard	modular

* Depending on the temperature in muffle

DELIVERY CONTENT

- 1 furnace unit
- 1 power cable
- 1 sintering table
- 1 sintering tray + lid
- 1 operating manual
- 1 lift key
- sintering beads