

Shenpaz

Dental Furnaces



ZIRCONIA
Blazir

blazing the way
to simple sintering

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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.

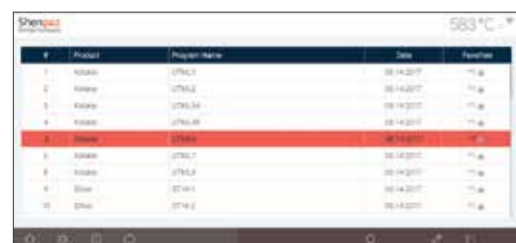
Shenpaz
Dental Furnaces

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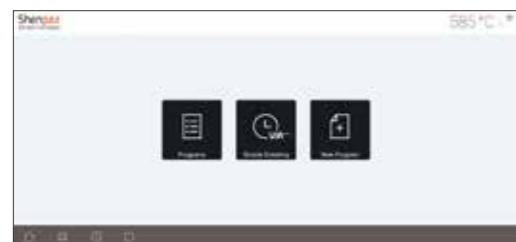
BLAZIR's design makes it the easiest sintering furnace to use and is ever so ready for the rapid evolution of materials.

TECHNOLOGY



Open programming options

Unlimited choice of heating and cooling stages provides a host of programming capabilities. The furnace is universally compatible to a wide variety of materials.



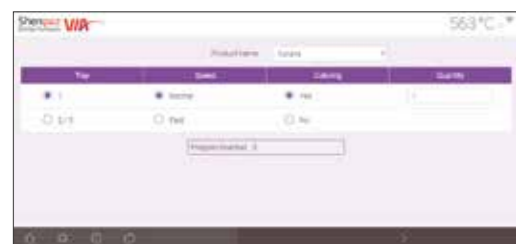
The visuals

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 programmed from PC, smartphone and tablets.



Advanced Flushing System

Automatic intermittent influx of air into the muffle while sintering keeps the muffle clean of impurities from the side effects of sintering preshaded ZrO2 and use of colorants.



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. Four parameters need to be entered on the VIA screen: the selected Zr2O material, the quantity of units being sintered, type of cycle, and whether using a colorant.

FEATURES

✓ The short cycle

The built-in cooling system of the BLAZIR can be used to shorten the standard sintering cycles. Subject to the material being sintered, the sintering time can be relatively shortened.

✓ The footprint

Keeping the importance of benchtop space in mind, BLAZIR's compact dimensions and lightness is well-suited in any work place, be it a laboratory or practice.

✓ The capacity

BLAZIR is supplied with one sintering tray with a capacity of up to 30 units. The design of the muffle and tray permit the stacking up to 3 tiers. Additional stackable trays are available. Ample space for sintering full arch.

✓ The audio signals

There are two types of audio signals. One set of signals notify the operational status of the furnace. A second type of signals assist the operator in managing the furnace.

TECHNICAL DATA

Max sintering temperature	1530°C
Dimensions of closed furnace	Width 405 mm Depth 457 mm Height 515 mm / 720 mm (opened furnace)
Weight	27 Kg – 59.5 lbs.
Dimensions of muffle chamber	Width 102 mm Depth 112 mm Height 123 mm
Power consumption	11 A at 230 V
Power supply	220-240 V 50/60 Hz
Connectivity	USB port, Ethernet, Wi-Fi
Programs	Unlimited
Safety Standards	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

DELIVERY CONTENT

- 1 basic unit
- 4 heating elements
- 1 sintering tray
- 1 power cord
- 1 warranty certificate
- 1 operation manual
- 1 Allen 2.5
- 2 ring screws M6

