



S7 *sic*

Zirconia Fast Sintering Furnace



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·Efficient ·Reliable ·Intelligence ·Powerful

·Highlights

·Fast sintering furnace ensure sprofit realization

S7 is suitable for most zirconia brands and make good sintering effects. 3 layers of crucibles can be installed 100 single crowns, greatly improved the efficiency of sintering.

<i>SiC</i>	Sintering speed	Sintering time for single crown
	40°C/min	90min



·High quality SiC: no-pollution, safe

S7 uses high-quality silicon carbide rods from Japan TOKAI, no pollution during sintering and life expectancy 12 months.

In addition, all accessories of S7 are made of internationally renowned brands to ensure the stability of the equipment.



·Intelligent-Making work easy

S7 has intelligent control system that check the status of the equipment quickly. If it does not work properly, the status light will display red and the screen will receive error reminder. For example: damaged heating rod, over temperature alarm, abnormal voltage and current. In addition to this, there are also intelligent sound effects that make it possible to clearly understand the firing status of the product.



·WiFi-Remote control and upgrade, Free you time

Based on the android system, we have developed mobile control and remote updates. A mobile phone can control and monitor devices. In addition, the device has other special functions, such as continuous sintering after power off, sound reminder, sintering record etc.





Fast and efficient

- ✓ Sintering single-crowned in 90 minutes (without cooling).
- ✓ Quickly cooling, auto open the furnace to speed up the cooling speed.
- ✓ 3 layer crucible, up to 100 single crowns can be placed.
- ✓ Continuous sintering, continue to heat up after power off or pause.
- ✓ Silicon carbon rod no pollution, no need for sinter cleaning regularly.

Safe and reliable

- ✓ High-quality of 4 Japan KOTAI SIC.
- ✓ Heating element life intelligent reminder.
- ✓ First -line brand accessories, stable quality.
- ✓ Automatic voltage pressure, built-in transformer sintering effect is stable.
- ✓ The temperature is accurate, the PID temperature control at $\pm 1^{\circ}\text{C}$.
- ✓ High insulation, shell temperature not exceeding 50°C .

·Features

Powerful

- ✓ Support fast sintering and slow sintering multiple materials.
- ✓ 20 editable sintering program.
- ✓ 11 national languages.
- ✓ Temperature calibration easy to work.
- ✓ Rapid cooling, auto door opening temperature can be set.

Intelligent

- ✓ Equipment work status 3-color light.
- ✓ Voice control reminder.
- ✓ WiFi remote upgrade.
- ✓ Remote control of Android phone (\$ 150).
- ✓ Equipment ultra-temperature reminder and speed reminder.

Modern design

- ✓ Integrated full glass screen.
- ✓ 7 -inch high-definition screen.
- ✓ Electric control touch switch, sensitive touch.
- ✓ Integrated body modern design, seamless connection.
- ✓ Modular assembly, super easy maintenance and repair.



•Detailed display

4 high-purity double-spiral silicon carbide rods.

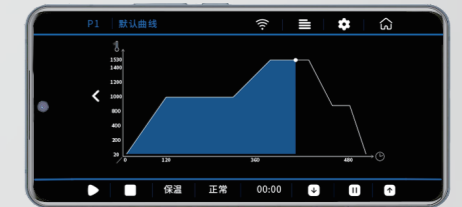


Modern minimalist design.

High quality insulation.
Shell not exceed 50°.



Simultaneous sintering of up to 100 units.
Φ100 mm combustion chamber.



Optional: mobile phone remote control
(only for Android system).

7" HD color touchscreen.

Wifi upgrade new program.

Working status indicator.

- Red for fault
- Green for running
- Orange for standby

Electronic touch switch.

New program running interface.



•Specification

Technical data

Dimensions (W x D x H)	338 mm x 520 mm x 751 mm
Weight	approx. 53 kg
Power supply	220 V/ 50-60 Hz
Max. output	3000W
Max. sintering temperature	1580°C
Combustion chamber	Φ100 mm
Combustion chamber capacity	0.95 L
Capacity	up to 100 zirconia units
Accessories	Silicon carbide rods, Sintering tray, Tweezers, Zirconia beads, PTCR
Sintering mode	Fast sintering / Regular sintering

