

# Sinter Furnace

## Sintering furnace



### Features

- 1. 7 inches LCD touch screen controller , lift tray for easy operation.
- 2. Round chamber to make sure the good temperature uniformity.
- 3. 30 steps Various programmable ,PID automatic control
- 4. Pure type MoSi2 heaters to avoid contaminating the heated ceramics.
- 5. **Touch screen controller can be displayed with different kinds of language.**
- 6. Support fast cooling and fast heating rate
- 7.Our control system is equipped with **self-diagnosis function**,can monitor the whole process: thermocouple-broken protection,over-temperature,over-current,rod-broken indication.
- 8.Sintering can realize automatic cooling.
- 9.The control system is equipped with **USB program upgrade interface**, can achieve remote upgrade function, and constantly meet your diverse needs
- 10.**Operating noise is very low**,stable lifting mechanism without shaking

### Specification

Model	CY-B1700- 12IT
Limiting temperature	1700°C
Working temperature	1600°C
Heating rate	<b>Support fast heating &amp; cooling rate.</b> Please confirm the required sintering curve of the sintering process, and we will recommend you the suitable one
Temperature accuracy	+/-1 °C
Chamber size	Ø120x120mm,(O.D 4.7"x4.7")
Display	touch screen interface
Heating element	High purity MoSi2 rods to avoid secondary pollution of zirconia crowns.
Dimensions	360x550x830mm
Rated power	1.8KW
Working voltage	220V 50-60Hz
Prestore curve	Multiple temperature curve can be stored
Temperature curve	Set it freely
Weight	60kg
Over-temperature alarm	Yes
Over-current protection	Yes
Thermocouple-broken indication	Yes
Quality guarantee	12 month (exclusive wearing part)

## Application

The product is mainly used for crystallization and sintering of zirconia crown in denture processing factory.It also can be used in the field of powder metallurgical for the high temperature sintering and annealing of the materials.

Please check packing list as follows.

1	Zirconia Crucible		set	1
2	Crucible Tong		piece	1
3	Protective gloves		pair	1
4	Tray		piece	1
5	B type thermocouple		piece	1
6	Spare Mosi2 Heating element		piece	2
7	User Manual		piece	1
8	Wrench		set	1