

郑州泽田机电设备有限公司  
ZHENGZHOU ZETIN ELECTROMECHANICAL EQUIPMENT CO., LTD.



## Zetin Speed Zirconia Sintering Furnace ZTCF-30B Plus



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## 一. Advantage

- More flexibility in everyday laboratory routines with a 2-hour speed sintering programme for single tooth restorations, 80 units can be sintered;
- Conventional sintering can sinter 3 trays of crucibles, 150 units can be sintered at a time;
- Start one of the 40 active programs just by pushing one button.
- Insulation materials imported from Germany, and the design of the insulation layer is thick, good insulation effect, electricity and energy saving, and the uniformity of temperature is guaranteed;
- Advanced toroidal lighter transformer, more stable power output and good stability and long life;
- PID intelligent temperature controller, high temperature control accuracy. At 1500 degrees, the temperature control accuracy is  $\pm 1^{\circ}\text{C}$ ;
- High-performance motor and belt, stable operation, lower noise and long life;
- High-purity dental silicon molybdenum heating element, non-pollution;
- Spliced furnace design, long furnace life;
- 7-inch high performance color LCD touch screen, all operations are completed on the display, simple operation, human-friendly.
- With power-off memory function, it can start working from any curve of any program.



## 二. Technical date

Fast Sintering time	2 hour (including heating, heat preservation, and cooling)
Fast sintering	80 unit
Touch Screen Size	7 "TFT
Electrical connected value	220V / 50-60 Hz
Heating rate	0~40°C/min
Rated power	3KW
Temperature control accuracy	±1°C
Programs quantity	40 programs,Short - term no electricity, also can store history sintering memory function
Heating element	4 unit Silicon molybdenum rods ( MoSi2 )
Sensor	B type
Maximum temperature	1730°C
Operating temperature	≤1650°C
Roomy Interior Chamber	Ø110mm×120mm
Dimensions	Length 400 × depth 500 × height 850mm
Conventional sintering program	No.1
Rapid sintering program	No.2
Cleaning program	No.40
Net Weight	85 KG