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 ± 1 °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.

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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 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	Fast Sintering time	2 hour
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 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		(including heating, heat preservation, and cooling)
Electrical connected value Electrical connected value 220V / 50-60 Hz Heating rate 0~40 °C/min Rated power 3KW Temperature control accuracy ±1 °C 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	Fast sintering	80 unit
Heating rate Rated power 3KW Temperature control accuracy 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 Dimensions Length 400 × depth 500 × height 850mm Conventional sintering program No.1 Rapid sintering program No.2 Cleaning program No.40	Touch Screen Size	7 "TFT
Rated power Temperature control accuracy ±1°C 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 Dimensions Length 400 × depth 500 × height 850mm Conventional sintering program No.1 Rapid sintering program No.2 Cleaning program No.40	Electrical connected value	220V / 50-60 Hz
Temperature control accuracy ±1°C 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	Heating rate	0~40°C/min
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	Rated power	3KW
Programs quantity 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	Temperature control accuracy	±1°C
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		40 programs, Short - term no electricity,
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	Programs quantity	also can store history sintering memory function
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	Heating element	4 unit Silicon molybdenum rods (MoSi2)
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	Sensor	B type
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	Maximum temperature	1730℃
Dimensions Length 400 × depth 500 × height 850mm Conventional sintering program No.1 Rapid sintering program No.2 Cleaning program No.40	Operating temperature	≤1650°C
Conventional sintering program No.1 Rapid sintering program No.2 Cleaning program No.40	Roomy Interior Chamber	Ø110mm×120mm
Rapid sintering program No.2 Cleaning program No.40	Dimensions	Length 400 × depth 500 × height 850mm
Cleaning program No.40	Conventional sintering program	No.1
81 8	Rapid sintering program	No.2
Net Weight 85 KG	Cleaning program	No.40
14ct Weight 05 KG	Net Weight	85 KG

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