

F1 FAST SINTERING FURNACE

Fast sintering / Rapid temperature rising / Fast cooling



Fast sintering in
25minutes

Digital controlled ultra-fast sintering furnace

Advantages

- 1.The highest temperature is 1650°C
- 2.The furnace volume up to 1 liter
- 3.The furnace uses high-performance ceramic crystal fiber with excellent heat preservation performance.
- 4.The furnace uses high-grade molybdenum disilicide heating elements. It has no pollution to sintered materials. It has excellent high temperature stability.
- 5.Adopt double-layer stainless steel shell design
- 6.The furnace adopts the surrounding heating method, and the temperature uniformity is the best.
- 7.The worktable is driven by a linear screw guide rail with high precision, high stability and low failure.
- 8.One-click start and running of the furnace
- 9.The furnace has quick cooling function, it can gradually cooling according to the set program
- 10.Microcomputer controller can store dozens of programs
- 11.The furnace can sinter zirconia blocks from all the major brands on the market
- 12.With pre-drying function of the furnace, the workbench will rise to the drying position after starting the program, and the furnace will be automatically closed after completion.The system has an electronic voltage regulator system, and no external voltage regulator is required.
- 13.The furnace has automatic over current with short circuit protection and over-heating protection,
- 14.It has automatic process monitoring and recording system, which can analyze and evaluate the sintering quality.

Device parameters

Rated voltage	Interflow 220 VAC±20 %
Rated Power	2500W
Temperature control precision	±1°C
Size	42 * 30 + 60 cm
Weight	35 kg
Rated Temperature	maximum temperature 1650°C

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