

Product use: universities, scientific research institutes, industrial and mining enterprises to do high temperature sintering, metal annealing, quality testing. Powder metallurgy industry and denture processing industry baking, zirconia plate pre-sintering, etc. According to the size of the heating area, small test, pilot test, mass production.

Equipment type	MFLX215-18
Temperature control range	Room temperature -1700°C
Operating temperature	1700 °C or less
Temperature control accuracy	< 1000 ±0.1°C; 1000 + / - 1 °C or higher
Constant temperature fluctuation	±1°C (test point is 1000°C)
Temperature equalization	±3°C (test point is 1000°C)
Rate of warming	It is recommended that the temperature below 1000 ° C ≤10 ° C /min, and the fastest heating speed ≤30 ° C /min
Cooling rate	700°C以上≤10°C/min
Surface temperature exterior	The surface temperature of the furnace body is less than room temperature +10 (the measuring point is 1000°C) Cold rolled steel plate, surface resistance coating
Furnace body	1800 imported ceramic fiber
sensor	Type B thermocouple
Heating element	Silicon-molybdenum rod
Cooling vane	Axial fan
Furnace structure	Double shell construction with air cooling system
Control	PID control

mode		
Set representation	Digital setting/digital display	
Overtemperature protection	Controller configuration	
Overtemperature setting	Numeric setting	
Running function	Custom run/Program run (30 segments programmed temperature control)	
Additional function	Deviation correction, power failure compensation, lock key function	
timer	1-99 hours 59 minutes and 999 hours 50 minutes digital setting, automatic operation, fast automatic stop	
Working environment	RT±5-40℃	
Security of use	Open door power off over temperature alarm leakage protection over temperature protection	
Furnace size	200*150*150mm (D*W*H)	
Overall dimension	600*550*840mm (D*W*H)	
Weight volume	150kg	4.5L
Supply voltage	220V50HZ	
Input power	2.5KW	
Box type electric furnace	MFLX215-18	
High temperature gloves	Karsten pair	
Crucible tongs	40LM one	
Backing brick	A corundum board	
Equipment specification	A portion	
Instrument specification	A portion	

Warranty card	A portion
Travelling rack	Stainless steel
Exhaust port	Inner diameter 20mm upper
Touch screen instrument 485 conversion interface	50 segment programming, can realize the connection with the computer. The functions of remote control, real-time tracking, history record, output report and so on with single or multiple electric furnaces are completed by special computer control system.