

1600°C Ceramic Fiber Muffle Furnace

It is used for sintering, melting and analyzing metal, nonmetal and other compound materials in laboratories of universities, research institutes and industrial and mining enterprises.

Characteristics

- 1.Mirror stainless steel furnace mouth, long-term use will not change color.
- 2.Vacuum-forming polycrystalline mullite fiber furnace, high efficiency insulation.
- 3.Double shell, the air sleeve heat insulation, and double air guiding passage .
- 4.High-purity silicon-molybdenum rod heating, and with standard exhaust chimney.
- 5. High precision program controller, with imported sensor and imported voltage regulating module.
- 6. With leakage protection, thermocouple failure, door opening electrical outage, over-temperature protection and sound-light alarm safety device.
- 7. Lockable handle, quick detachable structure,easy to maintenance and repair.
- 8.Standard with insulated gloves, crucible tongs and Alumina load bearing board.



Main Technical Parameters

Model	30 segment Domestic controller	SX4-2-16	SX4-4-16	SX4-8-16	SX4-12-16	SX4-20-16	SX4-36-16	
	64 Segment Import Controller (Model With P)	SX4-2-16P	SX4-4-16P	SX4-8-16P	SX4-12-16P	SX4-20-16P	SX4-36-16P	
	30 Segment 7.0 Inch Touch Screen controller (Model With PL)	SX4-2-16PL	SX4-4-16PL	SX4-8-16PL	SX4-12-16PL	SX4-20-16PL	SX4-36-16PL	
Function	Temp. Range	Max 1600℃ (Long-TERM Max Continuous Service Temperature 1500℃)						
	Temp. Accuracy	±1℃						
	Temp. Resolution Ratio	1℃						
	Temp.RISING Time To Max Temp	<40min						
Structure	Furnace Body	Polycrystalline Mullite Fiber						
	Outer Shell	Cold rolling steel with electrostatic Spraying exterior						
	Chamber Size	150*90*150	150*150*150	300*150*150	300*200*200	300*260*260	300*400*300	
	Exhaust Hole	Dip22, Deep18						
	Heater	Silicon Molybdenum Rod						
	Heating Power	3KW	5.5KW	9KW	10KW	12KW	15KW	
Controller	Temp. Control	No Letter Model : LED Programmed Controller; P Type: LCD Imported Programmed Controller ; PL Type: 7.0-inch touch screen program controller, with curve viewing and USB data storage functions.						
	Temp. Control Mode	Intelligent Microcomputer PID Control						
	Display Mode	No Letter Model : 4 keysSettings P Type : 5 keys Settings PL Type : Touch Type Operation						
	Timer	No Letter Model : 0-9999min P Type : 0-99hour59min PL Type : 0-9999min						
	Operation Function	Constant Value Operation Or Program Operation						
	Sensor	S-type Thermocouple						
	Additional Function	Heating Start Stop Button, Sensor Fault Alarm, Temperature Overshoot Self Setting, Temperature Correction						
	Safety Device	Overtemperature Alarm, Leakage Protection, Door Opening Heating						
Specification	Exterior Size (W*L*H)(mm)	600*755*1100	600*815*1100	750*815*1100	750*865*1150	750*925*1210	750*1065*1250	
	Packing Size (W*L*H)(mm)	760*925*1310	760*985*1310	910*985*1310	910*1045*1360	910*1105*1420	910*1265*1460	
	Volume	2L	4L	8L	12L	20L	36L	
	Current Rating (50/60HZ)	AC220V 50Hz			AC380V 50Hz			
	NW/GW (kg)	70/90	80/100	110/130	150/170	175/195	270/320	
	Optional Type	485 Communication , U Disk Data Storage						