

1700°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	SX4-2-17	SX4-4-17	SX4-8-17	SX4-12-17	SX4-20-17	SX4-36-17
	64 Segment Import Controller (Model With P)	SX4-2-17P	SX4-4-17P	SX4-8-17P	SX4-12-17P	SX4-20-17P	SX4-36-17P
	30 Segment 7.0 Inch Touch Screen controller (Model With PL)	SX4-2-17PL	SX4-4-17PL	SX4-8-17PL	SX4-12-17PL	SX4-20-17PL	SX4-36-17PL
Function	Temp. Range	Max. 1700°C (Long time Continuous working Temperature)					
	Temp. Accuracy	±1°C					
	Temp. Resolution Ratio	1°C					
	Temp. RISING Time To Max Temp	<40min					
Structure	Furnace Body	HHR 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	Dφ22, Deφ18					
	Heater	HHR 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 keys Settings 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	B-type Thermocouple					
	Additional Function	Heating Start Stop Button, Sensor Fault Alarm, Temperature Overshoot Self Setting, Temperature Correction					
Specification	Safety Device	Overtemperature Alarm, Leakage Protection, Door Opening Heating					
	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
	Curent 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						