

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:

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



Main Technical Parameters:

Model	30 segment Domestic controller	MF4-2-17	MF4-4-17	MF4-8-17	MF4-12-17	MF4-20-17	MF4-36-17
	64 Segment Import Controller (Model With P)	MF4-2-17P	MF4-4-17P	MF4-8-17P	MF4-12-17P	MF4-20-17P	MF4-36-17P
	30 Segment 7.0 inch Touch Screen controller (Model With PL)	MF4-2-17PL	MF4-4-17PL	MF4-8-17PL	MF4-12-17PL	MF4-20-17PL	MF4-36-17PL
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	Di φ 22, De φ 18					
	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 keys Settings P Type: 5 keys Settings PL Type: Touch Type Operation					
	Timer	No Letter Model: 0-9999min P Type: 0-99 hour 59min 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					
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
	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					