Labpro Tech®

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

Product Description

- 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	SV4-2-16	SV4-4-16	SV4-8-16	SV4-12-16	SV4-20-16	SV4-36-16
	64 Segment Import Controller (Model With P)	SV4-2-16P	SV4-4-16P	SV4-8-16P	SV4-12-16P	SV4-20-16P	SV4-36-16P
	30 Segment 7.0 Inch Touch Screen Controller (Model With PL)	SV4-2-16PL	SV4-4-16PL	SV4-8-16PL	SV4-12-16PL	SV4-20-16PL	SV4-36-16PL
Function	Temp. Range	Nax 1600°C (Long-TERM Max Continuous Service Temperature 1500°C)					
	Temp. Accuracy	±1°C					
	Temp. Resolution Ratio	1°C					
	Temp. RISING Time To Max Temp	<40Min					
Structure	Furance Body	Polycrystalline Multite 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	Diφ22, Diφ18					
	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 : 0-99hours 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					
	Safety Device	Over temperature 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	960*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					