

Ceramic Fiber Muffle Furnace

◎ Sintering, melting, elemental analysis and physical measurement within 1200°C of precise control.

Characteristics:

- Mirror stainless steel mouth, long-term use will not change color.
- Imported double insulated ceramic liner, stable performance.
- Vacuum forming polycrystalline mullite fiber furnace, high efficiency insulation.
- In the double shell, the air sleeve is insulated, and the double guiding air passage.
- High-precision micro-computer controller and precision sensor are perfectly integrated, and the temperature is accurate.



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SX4 model also has the following characteristics:

- Import time control system and high precise sensor with sensitive response , high precision and good stability .
 - Adding exhaust devices is beneficial to ashing.
 - Split design, circuit detachable, easy to maintenance and repair.
- P model is program temperature control type. program temperature controller can programme multistage program.

Main Technical Parameters:

Model	SX3-2.5-12	SX3-5-12	SX3-8-12	SX3-10-12	SX3-36-12	
	SX3-2.5-12B	SX3-5-12B	SX3-8-12B	SX3-10-12B		
	SX4-2-12	SX4-7-12	SX4-12-12	SX4-16-12	SX4-36-12	
	SX4-2-12B	SX4-7-12B	SX4-12-12B	SX4-16-12B		
	SX4-2-12P	SX4-7-12P	SX4-12-12P	SX4-16-12P	SX4-36-12P	
	SX4-2-12PB	SX4-7-12PB	SX4-12-12PB	SX4-16-12PB		
Heating Mode		Alloy wire heating in three sides left,right,top side				
Function	Temp. Range	100-1200℃				
	Temp. Resolution Ratio	1℃				
	Temp. Motion	±1℃				
	Temp. Rising Time To Max Temp.	≤30min				
Structure	Chamber Material	Ceramic fiber				
	Outer Shell	Without B: Cold rolling steel electrostatic spraying exterior; B type:SUS 304 Embossed stainless steel				
	Insulation Layer	Ceramic fiber				
	Heater	Alloy heating wire				
	Power Rating	1.5KW	3.0KW	4.5KW	6.0KW	9.0KW
Exhaust Hole		φ30mm(chimney size 80*60mm)				
Controller	Temp. Control Mode	SX3 Type:domestic Xiamen Yudian single-staga temperature controller SX4 Type:Japanese conduction single-stage temperature controller SX4-P:Japanese Fuji color LCD 64-segment programmed temperature controller				
	Temp. Setting Mode	Touch button setting				
	Temp. Display Mode	Measuring temperature: LED upper row. setting temperature: the lower row				
	Timer	Without B: No Timing Function; SX4-P: 0-99 hours and 59 minutes(with Timing Function)				
	Operation Function	Fixed temperature operation,timing function,auto stop				
	Additional Function	Sensor deviation correction, Temperature overshoot self-tuning,Internal parameter locked,Power-off parameter memory				
Sensor		SX3:Platinum rhodium sensor; SX4:High precision sensor				
Safety Device		Manual door security lock,over temperature sound-light alarm,door opening electrical outage,over-temperature protection, thermocouple failure				
Specification	Inner Chamber Size (W*L*H) (mm)	120*200*80	200*300*120	200*300*200	250*400*160	300*400*300
	Exterior Size(W*L*H) (mm)	450*685*600	530*785*640	530*785*720	600*895*700	630*885*820
	Packing Size(W*L*H) (mm)	580*775*730	660*875*770	660*875*850	730*985*830	760*975*950
	Volume	2L	7L	12L	16L	36L
	Current Rating(50/60HZ)	AC220V/6.6A	AC220V/13.6A	AC220V/20.4A	AC380V/9.9A	AC380V/13.6A
	NW/GW(kg)	33/37	45/50	62/68	77/96	87/106