

# 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			
<b>Heating Mode</b>		Alloy wire heating in three sides left,right,top side								
<b>Function</b>	Temp. Range	100-1200℃								
	Temp. Resolution Ratio	1℃								
	Temp. Motion	±1℃								
	Temp. Rising Time To Max Temp.	≤30min								
<b>Structure</b>	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				
<b>Exhaust Hole</b>		φ30mm(chimney size 80*60mm)								
<b>Controller</b>	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								
<b>Safety Device</b>		SX3:Platinum rhodium sensor; SX4:High precision sensor								
<b>Specification</b>		Manual door security lock,over temperature sound-light alarm,door opening electrical outage,over-temperature protection, thermocouple failure								
<b>Specification</b>	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				