

# 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.

## SX4 model also has the following characteristics:

- 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.



Patent No. : ZL 2015 3 0282033.5

## Main Technical Parameters:

Model		SX3-2.5-12	SX3-5-12	SX3-8-12	SX3-10-12
		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
		SX4-2-12B	SX4-7-12B	SX4-12-12B	SX4-16-12B
		SX4-2-12P	SX4-7-12P	SX4-12-12P	SX4-16-12P
		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°C			
	Temp. Resolution Ratio	1°C			
	Temp. motion	±1°C			
	Temp. Rising time to max temp	≤30min			
Structure	Chamber material	Ceramic fiber			
	Outer shell	cold rolling steel electrostatic spraying exterior; B model: stainless steel			
	Insulation layer	Ceramic fiber			
	Heater	Alloy heating wire			
Controller	Power rating	1.5kW	3.0kW	4.5kW	6.0kW
	Exhaust hole	φ 30mm(chimney size 80*60mm)			
	Temp. control mode	SX3 model: domestic brand single controller; SX4 model: Imported single controller form Japan; P model: Imported 40 sections program temperature control device form Japan			
	Temp. setting mode	Touch button setting			
Safety device	Temp. display mode	Measuring temperature: LED upper row, setting temperature: the lower row			
	Timer	0-9999min (with timing wait function) SX3 Series no 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			
Specification	Sensor	SX3:Platinum-rhodium sensor; SX4:High precision K type sensor			
	Inner Chamber size (W*L*H)(mm)	120*200*80	200*300*120	200*300*200	250*400*160
	Exterior size (W*L*H)(mm)	450*685*600	530*785*640	530*785*720	600*895*700
	Packing size (W*L*H)(mm)	580*775*730	660*875*770	660*875*850	730*985*830
Optional type	Volume	2L	7L	12L	16L
	Current rating (50/60HZ)	AC220V/6.6A	AC220V/13.6A	AC220V/20.4A	AC380V/9.9A
	NW/GW (kg )	33/37	45/50	62/68	77/96
		LCD program temperature control device with USD date storage			