

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.

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.



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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
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				
Chamber Material	Ceramic fiber				
Structure	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
Controller	Exhaust Hole	φ 30mm(chimney size 80*60mm)			
	Temp. Control Mode	SX3 Type: domestic Xiamen Yudian single-stage 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	Timer function:0-9999 min; SX4-P: Timing Function, 99 hours and 59 minutes (with Timing Waiting 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	SX4: High precision K type sensor			
	Safety Device	Manual door security lock, over temperature sound-light alarm, door opening electrical outage, over-temperature protection, thermocouple failure			
	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
	Volume	2L	7L	12L	16L
Optional Type	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
	Optional Type	LCD Program controller with USB Storage, 5.0 inch touch display program controller with USB storage			