

1200°C 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.
- Exhaust air outlet in rear wall of furnace



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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 .
- Split design, circuit detachable, easy to maintenance and repair.
- P model is program temperature control type. program temperature controller can programme multistage program, Simplifies the experimental process and realizes automatic control and operation .

Main Technical Parameters:

Model		SX3-2.5-12	SX3-5-12	SX3-8-12	SX3-10-12	SX3-36-12
		SX4-2-12	SX4-7-12	SX4-12-12	SX4-16-12	SX4-36-12
		SX4-2-12P	SX4-7-12P	SX4-12-12P	SX4-16-12P	SX4-36-12P
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				
	Insulation layer	Ceramic fiber				
	Heater	Alloy heating wire				
	Power rating	1.5kw	3.0kw	4.5kw	6.0kw	9.0kw
	Exhaust hole	φ 30mm(chimney size 80*60mm)				
Controller	Temp. control mode	SX3 Type : domestic Xianmen Yudian single-stage temperature controller SX4 Type:Japaness 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: the upper row, setting temperature: the lower row				
	Timer	Without P: No Timing Function; SX4-P: 0-99 hours and 59 minutes(with Timing Waiting Function) SX3: 01-3200min				
	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	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				
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)	570*770*740	650*870*780	655*875*865	720*980*845	750*970*965
	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
Optional type		Air Inlet, USB interface, 5.0 inch ture color screen, programmable controller with USB date storage function				